

> d his

(FILE 'USPAT' ENTERED AT 15:41:18 ON 06 MAY 1999)

L1	206	S	PAGING SERVICES
L2	12298	S	WIRELESS
L3	23	S	L1 (P) L2
L4	27546	S	ADDRESS AND (SERVICE OR SERVER)
L5	14	S	L3 AND L4
L6	0	S	WIRELESS PAGING
L7	54	S	WIRELESS PAGING
L8	12322	S	COMMUNICATION# NETWORK#
L9	15	S	L7 AND L8
L10	5207	S	INTERNET OR ISP
L11	4	S	L7 AND L10
L12	2934	S	WIRELESS COMMUNICATION
L13	187	S	L10 AND L12
L14	0	S	L13 (P) ON-LINE CHAT
L15	135	S	L13 (P) ADDRESS
L16	66	S	L13 (P) REGISTR#####

s wireless paging

```
          12298 WIRELESS
          5991 PAGING
L7          54 WIRELESS PAGING
            (WIRELESS (W) PAGING)
```

=> s communication# network#

```
          333707 COMMUNICATION#
          160842 NETWORK#
L8          12322 COMMUNICATION# NETWORK#
            (COMMUNICATION#(W)NETWORK#)
```

=> s 17 and 18

L9 15 L7 AND L8

=> d 19 1-15

1. 5,839,063, Nov. 17, 1998, Authentication system and method for preventing wireless communication fraud; David Y. Lee, 455/410, 422 [IMAGE AVAILABLE]
2. 5,835,700, Nov. 10, 1998, SCSI-coupled module for monitoring and controlling SCSI-coupled raid bank and bank environment; Guy A. Carbonneau, et al., 710/15; 714/42, 48 [IMAGE AVAILABLE]
3. 5,827,180, Oct. 27, 1998, Method and apparatus for a personal health network; David F. Goodman, 600/300 [IMAGE AVAILABLE]
4. 5,777,580, Jul. 7, 1998, Vehicle location system; James M. Janky, et al., 342/457 [IMAGE AVAILABLE]
5. 5,724,417, Mar. 3, 1998, Call forwarding techniques using smart cards; Steven R. Bartholomew, et al., 379/211; 235/380; 379/67.1, 201, 357; 455/73 [IMAGE AVAILABLE]
6. 5,708,422, Jan. 13, 1998, Transaction authorization and alert system; Greg E. Blonder, et al., 340/825.34, 825.31, 825.33, 825.35; 379/144 [IMAGE AVAILABLE]
7. 5,640,689, Jun. 17, 1997, Communications apparatus with antenna switching based on antenna rotation; Markku J. Rossi, 455/562, 90, 129, 351, 575 [IMAGE AVAILABLE]
8. 5,586,250, Dec. 17, 1996, SCSI-coupled module for monitoring and controlling SCSI-coupled raid bank and bank environment; Guy A. Carbonneau, et al., 714/6, 48 [IMAGE AVAILABLE]
9. 5,576,952, Nov. 19, 1996, Medical alert distribution system with selective filtering of medical information; Peter S. Stutman, et al., 600/300; 340/539, 825.45; 364/DIG.1; 379/38; 600/483, 513, 515; 709/244 [IMAGE AVAILABLE]
10. 5,537,415, Jul. 16, 1996, Multi-channel personal messaging unit; J. Mark Miller, et al., 370/314; 340/825.44; 370/311; 455/31.1, 74 [IMAGE AVAILABLE]

11. 5,535,191, Jul. 9, 1996, Method and apparatus for switching between redundant hardware in a wireless data communication system; Daniel J. Park, 370/228; 340/825.01; 455/8; 714/11 [IMAGE AVAILABLE]
12. 5,485,163, Jan. 16, 1996, Personal locator system; Martin H. Singer, et al., 342/457, 419; 455/31.2, 433, 435 [IMAGE AVAILABLE]
13. 5,428,663, Jun. 27, 1995, Incoming communications forwarding technique utilizing a called party location indicator; Gary J. Grimes, et al., 455/31.2; 340/825.44; 455/417 [IMAGE AVAILABLE]
14. 5,311,570, May 10, 1994, Integration of **wireless paging** in a communication system; Gary J. Grimes, et al., 455/417; 340/825.44; 455/31.3, 420, 445, 555 [IMAGE AVAILABLE]
15. 5,243,645, Sep. 7, 1993, Automatic system for forwarding of calls; Elliston P. Bissell, et al., 379/211, 913; 455/414, 435, 445 [IMAGE AVAILABLE]

(FILE 'USPAT' ENTERED AT 15:41:18 ON 06 MAY 1999)

L1	206	S	PAGING SERVICES
L2	12298	S	WIRELESS
L3	23	S	L1 (P) L2
L4	27546	S	ADDRESS AND (SERVICE OR SERVER)
L5	14	S	L3 AND L4
L6	0	S	WIRELESS PAGING
L7	54	S	WIRELESS PAGING
L8	12322	S	COMMUNICATION# NETWORK#
L9	15	S	L7 AND L8

. 5,870,030, Feb. 9, 1999, Advertiser pays information and messaging system and apparatus; Michael J. DeLuca, et al., 340/825.44; 235/375; 340/825.34, 825.35, 825.47; 379/56.1 [IMAGE AVAILABLE]

2. 5,854,595, Dec. 29, 1998, Communications apparatus and method with a computer interchangeable integrated circuit card; Tim A. Williams, 340/825.44; 235/380; 340/311.1, 825.47; 361/686, 737; 370/313; 455/38.1, 575 [IMAGE AVAILABLE]

3. 5,786,748, Jul. 28, 1998, Method and apparatus for giving notification of express mail delivery; John E. Nikolic, et al., 340/311.1, 313, 825.44 [IMAGE AVAILABLE]

4. 5,777,580, Jul. 7, 1998, Vehicle location system; James M. Janky, et al., 342/457 [IMAGE AVAILABLE]

d his

(FILE 'USPAT' ENTERED AT 14:43:33 ON 07 MAY 1999)

L1 1457 S IRC  
L2 22 S CHAT ROOM  
L3 1915 S ISP  
L4 4 S L1 AND L2

=> d 14 1-

1. 5,894,305, Apr. 13, 1999, Method and apparatus for displaying graphical messages; Bradford H. Needham, 345/329 [IMAGE AVAILABLE]
2. 5,867,495, Feb. 2, 1999, System, method and article of manufacture for communications utilizing calling, plans in a hybrid network; Isaac K. Elliott, et al., 370/352, 389, 392; 379/90.01, 93.07, 114, 144 [IMAGE AVAILABLE]
3. 5,867,494, Feb. 2, 1999, System, method and article of manufacture with integrated video conferencing billing in a communication system architecture; Sridhar Krishnaswamy, et al., 370/352, 389, 392; 379/90.01, 93.07, 114 [IMAGE AVAILABLE]
4. 5,812,126, Sep. 22, 1998, Method and apparatus for masquerading online; John W. Richardson, et al., 345/330; 704/2; 709/204 [IMAGE AVAILABLE]

=> d 12 1-

1. 5,894,305, Apr. 13, 1999, Method and apparatus for displaying graphical messages; Bradford H. Needham, 345/329 [IMAGE AVAILABLE]
2. 5,892,536, Apr. 6, 1999, Systems and methods for computer enhanced broadcast monitoring; James D. Logan, et al., 348/13, 7 [IMAGE AVAILABLE]
3. 5,889,764, Mar. 30, 1999, Low-latency multi-party audio chat; Bradford H. Needham, et al., 370/263, 394, 412, 474 [IMAGE AVAILABLE]
4. 5,884,267, Mar. 16, 1999, Automated speech alignment for image synthesis; William D. Goldenthal, et al., 704/276, 270 [IMAGE AVAILABLE]
5. 5,880,731, Mar. 9, 1999, Use of avatars with automatic gesturing and bounded interaction in on-line chat session; Christopher A. Liles, et al., 345/349, 330, 358, 473 [IMAGE AVAILABLE]
6. 5,867,495, Feb. 2, 1999, System, method and article of manufacture for communications utilizing calling, plans in a hybrid network; Isaac K. Elliott, et al., 370/352, 389, 392; 379/90.01, 93.07, 114, 144 [IMAGE AVAILABLE]
7. 5,867,494, Feb. 2, 1999, System, method and article of manufacture with integrated video conferencing billing in a communication system architecture; Sridhar Krishnaswamy, et al., 370/352, 389, 392; 379/90.01, 93.07, 114 [IMAGE AVAILABLE]
8. 5,855,008, Dec. 29, 1998, Attention brokerage; A. Nathaniel

Goldhaber, et al., 705/14, 10; 709/202; 713/201 [IMAGE AVAILABLE]

9. 5,850,442, Dec. 15, 1998, Secure world wide electronic commerce over an open network; Sead Muftic, 380/21, 25, 30, 49 [IMAGE AVAILABLE]

10. 5,828,839, Oct. 27, 1998, Computer network **chat room** based on channel broadcast in real time; Craig T. Moncreiff, 395/200.34; 709/217 [IMAGE AVAILABLE]

11. 5,812,126, Sep. 22, 1998, Method and apparatus for masquerading online; John W. Richardson, et al., 345/330; 704/2; 709/204 [IMAGE AVAILABLE]

12. 5,801,700, Sep. 1, 1998, System and method for an iconic drag and drop interface for electronic file transfer; Gregory J. Ferguson, 345/349, 357 [IMAGE AVAILABLE]

13. 5,796,395, Aug. 18, 1998, System for publishing and searching interests of individuals; Maurice de Hond, 345/331, 332, 349, 968; 709/203 [IMAGE AVAILABLE]

14. 5,794,210, Aug. 11, 1998, Attention brokerage; A. Nathaniel Goldhaber, et al., 705/14, 7, 10; 707/501, 513; 709/217, 218, 219 [IMAGE AVAILABLE]

15. 5,794,006, Aug. 11, 1998, System and method for editing content in an on-line network; David S. Sanderman, 395/500; 345/329, 330, 331, 332; 395/701 [IMAGE AVAILABLE]

16. 5,793,365, Aug. 11, 1998, System and method providing a computer user interface enabling access to distributed workgroup members; John Tang, et al., 345/329 [IMAGE AVAILABLE]

17. 5,784,568, Jul. 21, 1998, Multi-party audio chat system which allows individual user utterances to be staged separately to render received utterances in order; Bradford H. Needham, 395/200.64; 345/302, 330; 370/276; 714/18 [IMAGE AVAILABLE]

18. 5,779,549, Jul. 14, 1998, Database driven online distributed tournament system; Jay S. Walker, et al., 463/42, 23, 25, 29 [IMAGE AVAILABLE]

19. 5,721,763, Feb. 24, 1998, Method for providing information during a chat session; Eugene John Joseph, et al., 379/88.04, 88.23, 112, 127, 204 [IMAGE AVAILABLE]

20. 5,713,019, Jan. 27, 1998, Iconic access to remote electronic monochrome raster data format document repository; Timothy M. Keaten, 707/10, 101, 104 [IMAGE AVAILABLE]

21. 5,694,163, Dec. 2, 1997, Method and apparatus for viewing of on-line information service chat data incorporated in a broadcast television program; Edward R. Harrison, 348/13, 468, 552; 379/93.17 [IMAGE AVAILABLE]

22. 5,659,692, Aug. 19, 1997, Computer method and apparatus for video conferencing; Tomaso A. Poggio, et al., 345/330, 475 [IMAGE AVAILABLE]

Abdullahi Salad:

Attached please find the results of your search request re:  
Contact Alerts for Unconnected Users.

Please let me know if you would like to try a refocused  
search or additional terminology.

David Holloway  
308-7794



Set	Items	Description
S1	409091	WIRELESS? OR CELLULAR? OR CAR()PONE? OR PAGER? OR OFF()LINE? E? OR OFFFLINE?
S2	79841	INTERACTIVE()COMMUNICATION? OR CHAT? OR ICQ OR INSTANT()MESSAGE? OR IRC OR CONFERENCING OR CONFERENCE()CALL?
S3	586336	ALERT? OR PAGE OR PAGED OR PAGING OR RING? OR NOTIF?
S4	3101558	COMBINE? OR LINK? OR JOIN? OR CONNECT? OR BEGIN? OR LAUNCH?
S5	9	S1 AND S2 AND S3 AND S4
S6	9	RD (unique items)
S7	6	S6 NOT PY>1997
S8	6	S7 NOT PD>971114
S9	11	S1(N)S2
S10	10	S9 NOT S5
S11	7	RD (unique items)
S12	3	S11 NOT PY>1997
S13	3	S12 NOT PD>971114

File 108:AEROSPACE DATABASE 1962-1999/DEC

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File 62:SPIN(R) 1975-1999/Nov W3

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8/5/1 (Item 1 from file: 108)  
DIALOG(R) File 108:AEROSPACE DATABASE  
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02210738 A95-44478

**Wireless communications; Proceedings of the Conference, San Diego, CA, July 12, 13, 1995**

Pan, J. J., ED. (E-TEK Dynamics, Inc., San Jose, CA)  
Bellingham, WA, Society of Photo-Optical Instrumentation Engineers (SPIE Proceedings. Vol. 2556), 1995, 175 p. (For individual items see A95-44479 to A95-44481).

1995

REPORT NO.: SPIE-2556; ISBN 0-8194-1915-X

LANGUAGE: English

COUNTRY OF ORIGIN: United States COUNTRY OF PUBLICATION: United States

DOCUMENT TYPE: CONFERENCE PROCEEDINGS

JOURNAL ANNOUNCEMENT: IAA9512

Papers are presented on a universal **wireless** IR network system (UWIN), **wireless** local communications using star-**ring** fiber-optic CATV networks, and **wireless** optical communication for FDDI, fast Ethernet, and ATM **connectivity**. Papers are also presented on CDMA and coding in **wireless** communications, the characterization of portable communication systems by means of near-field techniques, new radio propagation models based on measurements in Chinese environments, and frequency division multiplexing in **wireless** underwater acoustic LANs. Other papers cover photonics for **wireless** communications, fiber optics for microcellular **wireless** networks, and applications of optical CDMA to **wireless** communications. Additional papers presented discuss RF, microwave, and millimeter-wave technology and testing methods in the field of **wireless** communications. (AIAA)

DESCRIPTORS: **CONFERENCES**; \***WIRELESS** COMMUNICATION; \*SIGNAL PROCESSING; \*OPTICAL COMMUNICATION; COMMUNICATION NETWORKS; SIGNAL RECEPTION; PHOTONICS; MICROWAVE TRANSMISSION; RADIO FREQUENCIES; MILLIMETER WAVES; TECHNOLOGY ASSESSMENT; PERFORMANCE TESTS

SUBJECT CLASSIFICATION: 7574 Optics (1975-)

8/5/2 (Item 2 from file: 108)  
DIALOG(R) File 108:AEROSPACE DATABASE  
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02201208 A95-37024

**Optical engineering in Israel; Proceedings of the Ninth Meeting, Tel Aviv, Israel, Oct. 24-26, 1994**

Shladov, Itzhak (Association of Engineers and Architects in Israel, Tel Aviv); Weissman, Yitzhak (Soreq Nuclear Research Center, Yavne, Israel); Kopeika, Natan (Negev, Univ., Beersheba, Israel), EDS.

Bellingham, WA, Society of Photo-Optical Instrumentation Engineers (SPIE Proceedings. Vol. 2426), 1995, 629 p. (For individual items see A95-37025 to A95-37056).

1995

REPORT NO.: SPIE-2426; ISBN 0-8194-1774-2

LANGUAGE: English

COUNTRY OF ORIGIN: Israel COUNTRY OF PUBLICATION: United States

DOCUMENT TYPE: CONFERENCE PROCEEDINGS

JOURNAL ANNOUNCEMENT: IAA9510

The present volume on optical engineering discusses optics in medicine and biology, atmospheric optics and remote sensing, industrial applications and microlithography, and optical computing and signal processing. Attention is given to optical components and techniques, lasers and laser systems, and **wireless** optical communications. Other topics addressed include recent experimental results on laser atmospheric scintillation numerical codes for multiple scattering in the atmosphere, noise tolerant filtering schemes with **joint** transform correlators, an Earth-atmosphere-space simulator for testing horizon sensors, a novel technique for combining diode pumps with solid state materials, a tactical **ring** laser gyro, and a detector array aperture for optical communication through thin clouds. (AIAA)

DESCRIPTORS: **CONFERENCES** ; \*ISRAEL; \*ATMOSPHERIC OPTICS; \*REMOTE SENSING ; \*OPTICAL DATA PROCESSING; \*OPTICAL COMMUNICATION; MEDICAL SCIENCE; BIOLOGY; LITHOGRAPHY; SIGNAL PROCESSING; OPTICAL EQUIPMENT; Q SWITCHED LASERS; **WIRELESS** COMMUNICATION; HEAD-UP DISPLAYS; OPTICAL COUPLING; LASER BEAMS

SUBJECT CLASSIFICATION: 7574 Optics (1975-)

8/5/3 (Item 3 from file: 108)

DIALOG(R) File 108:AEROSPACE DATABASE

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01753065 A88-48776

**AIAA, ASME, SIAM, and APS, National Fluid Dynamics Congress, 1st, Cincinnati, OH, July 25-28, 1988, Technical Papers. Parts 1, 2, & 3**

Congress sponsored by AIAA, ASME, SIAM, and APS. Washington, DC, American Institute of Aeronautics and Astronautics, 1988, p. Pt. 1, 689 p.; pt. 2, 746 p.; pt. 3, 812 p. For individual items see A88-48777 to A88-49004.

1988

LANGUAGE: English

COUNTRY OF ORIGIN: United States COUNTRY OF PUBLICATION: United States

DOCUMENT TYPE: CONFERENCE PROCEEDINGS

JOURNAL ANNOUNCEMENT: IAA8820

The present **conference** on fluid dynamics discusses the application of **cellular** automata to fluid dynamics problems, adaptive grid computation for inviscid compressible flows using a pressure-correction method, a stream-function formulation for the multiply- **connected** driven cavity Stokes flow problem, the simulation of a vortex **ring**, fast algorithms for vortex methods, pseudospectral solutions of separated flows, a third-order multidimensional Euler/Navier-Stokes solver, and a multigrid strategy for the investigation of highly recirculating flows. Also discussed are surface pressure fluctuations due to impinging vortical flows on an airfoil, the application of polymer drag reduction to sewer flow problems, fully developed pulsating turbulent flows, vortex-dominated slender-wing problems, a turbulence model for rotating flows, CFD on parallel processors, the order of panel methods, unsteady wing theory, radial jet reattachment flow, mode-switching in supersonic circular jets, unsteady dynamics in aeroacoustics, the gas dynamics of fission-fragment heating, Gortler vortices in supersonic boundary layers, boundary layer receptivity mechanisms, cavitation in a confined vortex, and dynamical states in thermal lensing (O.C.)

SOURCE OF ABSTRACT/SUBFILE: AIAA

DESCRIPTORS: COMPUTATIONAL FLUID DYNAMICS; \* **CONFERENCES** ; \*FLUID DYNAMICS; \*UNSTEADY AERODYNAMICS; BOUNDARY LAYER FLOW; DRAG REDUCTION; GRID GENERATION (MATHEMATICS); JET FLOW; TURBULENCE MODELS; TURBULENT BOUNDARY LAYER; TURBULENT FLOW; VISCOUS FLOW; VORTICITY

SUBJECT CLASSIFICATION: 7534 Fluid Mechanics & Heat Transfer (1975-)

8/5/4 (Item 1 from file: 8)

DIALOG(R) File 8:Ei Compendex(R)

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02665769 E.I. Monthly No: EI8811102694

**Title: NEW AIR TERMINAL IN THE HEART OF WARSAW.**

Author: Strzyzewski, Wlodzimierz

Source: Airport Forum n 2 May 1988 p30

Publication Year: 1988

CODEN: APFRBE ISSN: 0002-2802

Language: English

Document Type: JA; (Journal Article) Treatment: G; (General Review); M; (Management Aspects)

Journal Announcement: 8811

Abstract: The LIM Centre will have ticket sales and seat reservation facilities as well as waiting lounges from where passengers are bused to the airport. LOT will occupy three storeys of the 140-metre building which will also include 492 office rooms, a five-star hotel offering 524 rooms, catering facilities for 2082 guests, a banquet/**conference** hall with 600

seats, a 200-seat congress hall, a recreational centre, a gambling casino, and a shopping arcade. The LOT complex will be furnished to the highest international standards and will feature full air-conditioning, a three-zone system of fire extinguishers and sprinkler installations, a **wireless paging** system, cable television, and an underground garage for 164 cars.

Descriptors: \*AIRPORTS--\*Buildings; CIVIL ENGINEERING--Project Management ; AIR TRANSPORTATION--Poland; CONSTRUCTION INDUSTRY--Contracts

Identifiers: INTERNATIONAL CONSORTIUM; **JOINT VENTURE**; CITY AIR TERMINAL  
Classification Codes:

431 (Air Transportation); 402 (Buildings & Towers); 409 (Civil Engineering, General); 912 (Industrial Engineering & Management); 405 (Construction Equipment & Methods); 902 (Engineering Graphics & Standards)  
43 (TRANSPORTATION); 40 (CIVIL ENGINEERING); 91 (ENGINEERING MANAGEMENT); 90 (GENERAL ENGINEERING)

**8/5/5 (Item 2 from file: 8)**

DIALOG(R)File 8:Ei Compendex(R)

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01859233 E.I. Monthly No: EIM8503-014405

**Title: INTERNATIONAL CONFERENCE - MOBILE RADIO SYSTEMS AND TECHNIQUES.**

Author: Anon

Conference Title: International Conference - Mobile Radio Systems and Techniques.

Conference Location: York, Engl Conference Date: 19840910

Sponsor: IEE Electronics Div, London, Engl; IEEE, United Kingdom & Ireland Section, Engl; IERE, London, Engl; Royal Inst of Navigation, London, Engl

E.I. Conference No.: 06096

Source: IEE Conference Publication n 238. Publ by IEE, London, Engl and New York, NY, USA 229p

Publication Year: 1984

CODEN: IECPB4 ISBN: 0-85296297-5

Language: English

Document Type: CP; (Conference Proceedings)

Journal Announcement: 8503

Abstract: This **conference** proceedings contains 48 papers dealing with various aspects of mobile radio systems and associated equipment. Considered are: digital radio techniques used for **paging**, transmission and switching, **cellular** and diversity radio telephone systems, signaling methods, spectrum management and assignment, HF spectrum prediction, satellite communication **links** and systems, various modulation and coding techniques and present and planned applications around the world.

Descriptors: RADIO SYSTEMS, MOBILE; TELECOMMUNICATION **LINKS**, SATELLITE --Equipment; RADIO TELEPHONE; DIGITAL COMMUNICATION SYSTEMS; RADIO TRANSMISSION--Propagation; INFORMATION THEORY--Communication Channels

Identifiers: MODULATION SPECTRA PREDICTION; LAND MOBILE RADIO CHANNELS; **PAGING** SYSTEMS; CODING TECHNIQUES; **CELLULAR** SYSTEMS; EIREV

Classification Codes:

716 (Radar, Radio & TV Electronic Equipment); 718 (Telephone & Line Communications); 723 (Computer Software); 922 (Statistical Methods); 751 (Acoustics); 655 (Spacecraft)

71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING); 92 (ENGINEERING MATHEMATICS); 75 (ACOUSTICAL TECHNOLOGY); 65 (AEROSPACE ENGINEERING)

**8/5/6 (Item 3 from file: 8)**

DIALOG(R)File 8:Ei Compendex(R)

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00512733 E.I. Monthly No: EI7601003715 E.I. Yearly No: EI76043936

**Title: CONFERENCE ON ENGINEERING IN MEDICINE AND BIOLOGY, 27TH ANNUAL, PROCEEDINGS, 1974, SESSION 53.**

Author: Anon

Corporate Source: Alliance for Eng in Med and Biol, Chevy Chase, Md

Source: Proceedings of the Annual Conference on Engineering in Medicine and Biology v 16 1974, for Meet, Philadelphia, Pa, Oct 6-10 1974, Sess 53, 10 p

Publication Year: 1974

CODEN: CEMBAD ISSN: 0589-1019

Language: ENGLISH

Journal Announcement: 7601

Abstract: Session 53 of this **conference** comprises 11 papers on biomaterials and biological materials. biological materials, properties are considered in two papers: the measurement of the relative complex dielectric constant of human tissue; dynamic analysis of anisotropic, linear viscoelastic materials. Biocompatibility tests are discussed in four papers; histological studies of implanted electrodes; **cellular** and tissue response to electrode materials used in implantable power sources; long-term implants of solid tricalcium phosphate; the effect of compressive stress on bone ingrowth into porous material. Other papers discuss: electromechanics of deformable charged polyelectrolyte membranes; mechanical measurements in the design and fabrication of artificial tendons; the mechanical performance of surgical sutures; a heat-sterilizable, blood bag **connector** ; MP34N, a new Co-Ni-Cr-Mo implant alloy. Papers are one-page summaries, some with illustrations, tables and/or references.

Descriptors: \*MATERIALS SCIENCE; BIOMEDICAL EQUIPMENT; BIOMEDICAL ENGINEERING--Surgical Implants

Identifiers: BIOLOGICAL MATERIALS; BIOMATERIALS; BIOCOMPATIBILITY TESTS

Classification Codes:

462 (Medical Engineering & Equipment); 421 (Materials Properties); 931 (Applied Physics); 423 (General Materials Properties & Testing); 461 (Biotechnology)

46 (BIOENGINEERING); 42 (MATERIALS PROPERTIES & TESTING); 93 (ENGINEERING PHYSICS)

8/5/7 (Item 4 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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00335890 E.I. Monthly No: EI7312059720 E.I. Yearly No: EI73054673

Title: **NATIONAL ELECTRONICS CONFERENCE, PROCEEDINGS, 1972.**

Author: Fraser, M. A.; Aldridge, Melvin D.; Balanis, Constantine A.; Owings, Clyde L.; Freeman, James J.; Smith, George A.; Llauro, Joseph G.; Cain, Charles A.; Horii, Yoshiyuki; Hughes, George W.; Lai, D. C.; Lux, R. L.; Lewis, Neville; Ley, B. James

Source: Proceedings of the National Electronics Conference v 27, Chicago, Ill, Oct 9-11 1972, 457 p

Publication Year: 1972

CODEN: PNECAC ISSN: 0077-4413

Language: ENGLISH

Journal Announcement: 7312

Abstract: Proceedings includes 90 papers dealing with a wide variety of topics pertaining to electronics, such as communications, radar, signal analysis, VLF transmission, control systems, graph theory, Walshfunctions, instrumentation, **connector** systems, reliable design and testing, solid-state devices and circuits, digital systems and computers, and continuing engineering education. Following is a list of titles and authors: System Wide Area **Paging** . By M. A. Fraser. Reliable Communications in Coal Mines. By Melvin D. Aldridge. Electromagnetic Filed Analysis for Underground **Wireless** Communication. By Constantine A. Balanis. Urination: Transduction and Signal Processing Techniques for Evaluation of Obstructions. By Clyde L. Owings. Use of Ultrasound in Medical Diagnosis. By James J. Freeman. Modeling of Quasi-Steady State Sodium Kinetics in Biologic Tissues. By George A. Smith and Joseph G. Llauro. Oculomotor Control System: A Review Including Some Recent Results. By Charles A. Cain. Speech Analysis by Computer. By Yoshiyuki Horii and George W. Hughes. Application of Frequency Discrimination Technique to the Analysis of Electroencephalographic Signals. By D. C. Lai and R. L. Lux. To Test or Not to Test -- What Is It Worth? By Neville Lewis. Monte Carlo Design Based on Production Sample Distributions. By B.

James Ley. Reliability in Plain English. By Neville Lewis.

Descriptors: \*TELECOMMUNICATION; BIOMEDICAL ENGINEERING; RADIO COMMUNICATION; ULTRASONIC APPLICATIONS; SPEECH--Analysis; COAL MINES AND MINING--Communication Systems

Classification Codes:

461 (Biotechnology); 503 (Mines & Mining, Coal); 716 (Radar, Radio & TV Electronic Equipment); 723 (Computer Software); 751 (Acoustics); 753 (Sound Technology & Ultrasonics)

46 (BIOENGINEERING); 50 (MINING ENGINEERING); 71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING); 75 (ACOUSTICAL TECHNOLOGY)

8/5/8 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 1999 Institution of Electrical Engineers. All rts. reserv.

4846368 INSPEC Abstract Number: B9502-0100-015, C9502-7410F-008

Title: **Proceedings of ICC/SUPERCOMM'94 - 1994 International Conference on Communications**

Part vol.1

Publisher: IEEE, New York, NY, USA

Publication Date: 1994 Country of Publication: USA 3 vol. xxxvii+1851 pp.

ISBN: 0 7803 1825 0

U.S. Copyright Clearance Center Code: 94/\$4.00

Conference Title: **Proceedings of ICC/SUPERCOMM'94 - 1994 International Conference on Communications**

Conference Sponsor: IEEE Commun. Soc.; IEEE New Orleans Sect.; Telecommun. Ind. Assoc.; US Telephone Assoc

Conference Date: 1-5 May 1994 Conference Location: New Orleans, LA, USA

Language: English Document Type: Conference Proceedings (CP)

Abstract: The following topics were dealt with: modulation and coding for multipath fading channels; traffic modelling; analysis and design of ATM networks; advanced optical technologies; quality of broadband networks and services; mobility and resources management; image compression for multimedia communications; equalisation and detection for storage channels; distributed fault-tolerant software platforms; ATM switch architectures; survivable networks; spread spectrum technologies for PCS and **cellular** systems; equalisation techniques; **wireless** multimedia; B-ISDN; coded modulation; LAN/MAN architectures; high speed networks; ATM control and simulation using neural networks; packet satellite transmission; data communication; synchronisation; DQDB and **ring** networks; broadband optical transport networks; network operations and management; personal satellite communications; routing and congestion control in broadband networks; error control systems; **wireless** networks; transport protocols; network management; channel estimation; multiwavelength optical networks; signal processing for PCS; coding techniques for storage.

Descriptors: asynchronous transfer mode; B-ISDN; broadband networks; **cellular** radio; data communication; encoding; equalisers; local area networks; metropolitan area networks; modulation; multimedia communication; optical fibre networks; personal communication networks; protocols; radio **links** ; satellite communication; spread spectrum communication; synchronisation; telecommunication channels; telecommunication congestion control; telecommunication network management; telecommunication network routing; telecommunication networks; telecommunication switching; telecommunication traffic

Identifiers: mobility management; coding; multipath fading channels; traffic modelling; ATM networks; broadband networks; resources management; image compression; multimedia communications; equalisation; storage channels; distributed fault-tolerant software; ATM switch architectures; survivable networks; spread spectrum technologies; PCS; **cellular** systems; **wireless** multimedia; B-ISDN; coded modulation; LAN/MAN architectures; high speed networks; ATM control; neural networks; packet satellite transmission; data communication; synchronisation; DQDB; **ring** networks; broadband optical transport networks; network operations and management; personal satellite communications; routing; congestion control; error

control systems; **wireless** networks; transport protocols; network management; channel estimation; multiwavelength optical networks; signal processing

Class Codes: B0100 (General electrical engineering topics); B6120 (Modulation methods); B6150 (Communication system theory); B6210 (Telecommunication applications); B6250 (Radio links and equipment); B6260 (Optical links and equipment); C7410F (Communications computing); C3370 (Control applications in telecommunications); C5620 (Computer networks and techniques)

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8/5/9 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 1999 Institution of Electrical Engineers. All rts. reserv.

4630592 INSPEC Abstract Number: B9405-6250F-016

**Title: The Iridium system personal communications anytime, anyplace**

Author(s): Hatlelid, J.E.; Casey, L.

Author Affiliation: Motorola Inc., McLean, VA, USA

p.285-90

Editor(s): Cassingham, R.

Publisher: Jet Propulsion Lab, Pasadena, CA, USA

Publication Date: 1993 Country of Publication: USA ix+600 pp.

Conference Title: Proceedings of 3rd International Mobile Satellite Conference

Conference Sponsor: NASA/JPL; DOC/CRC

Conference Date: 16-18 June 1993 Conference Location: Pasadena, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

**Abstract:** The Iridium system is designed to provide handheld personal communications between diverse locations around the world at any time and without prior knowledge of the location of the personal units. This paper will provide an overview of the system, the services it provides, its operation, and an overview of the commercial practices and relatively high volume satellite production techniques which will make the system cost effective. A constellation of 66 satellites will provide an orbiting, spherical-shell, infrastructure for this global calling capability. The satellites act as tall **cellular** towers and allow convenient operation for portable handheld telephones (Satellite XII **Conference**, 1993). The system will provide a full range of services including voice, **paging**, data, geolocation, and fax capabilities. Motorola is a world leader in the production of high volume, high quality, reliable, telecommunications hardware (AIAA Space Programs and Technologies **Conference**, 1992). One of Iridium's goals is to apply these production techniques to high reliability space hardware. Concurrent engineering, high performance work teams, advanced manufacturing technologies, and improved assembly and test methods are some of the techniques that will keep the Iridium system cost effective. Mobile, global, flexible personal communications are coming that will allow anyone to call or receive a call from/to anyplace at anytime. The Iridium system will provide communications where none exist today. This **connectivity** will allow increased information transfer, open new markets for various business endeavours, and in general increase productivity and development. (4 Refs)

**Descriptors:** concurrent engineering; personal communication networks; satellite relay systems; telecommunication services; telephone networks

**Identifiers:** Iridium system; satellite production techniques; handheld personal communications; commercial practices; constellation of 66 satellites; orbiting spherical-shell infrastructure; global calling capability; tall **cellular** towers; portable handheld telephones; telecommunications hardware; high reliability space hardware; concurrent engineering; advanced manufacturing technologies; test methods

Class Codes: B6250F (Mobile radio systems); B6210D (Telephony); B6250G (Satellite relay systems); B6220C (Telephone stations)

8/5/10 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 1999 Institution of Electrical Engineers. All rts. reserv.

04222068 INSPEC Abstract Number: B9210-0100-016, C9210-5620L-006

**Title: Proceedings. 16th Conference on Local Computer Networks (Cat. No.91TH0397-0)**

Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1991 Country of Publication: USA xiii+639 pp.

ISBN: 0 8186 2370 5

Conference Sponsor: IEEE

Conference Date: 14-17 Oct. 1991 Conference Location: Minneapolis, MN, USA

Language: English Document Type: Conference Proceedings (CP)

Treatment: Practical (P)

Abstract: The following topics are dealt with: fiber distributed data interfaces (FDDI); token **ring** networks **connected** with unshielded twisted pair wires; local area network interconnection; gigabit networks; internetworking; asynchronous transfer mode (ATM); **wireless** LANs; real-time express transfer protocols; network management; high-speed protocols; integrated services networks; protocol and network performance; and resource and database applications.

Descriptors: local area networks; optical **links** ; performance evaluation ; protocols; standards; token networks

Identifiers: fiber distributed data interfaces; FDDI; token **ring** networks; unshielded twisted pair wires; local area network interconnection ; gigabit networks; internetworking; asynchronous transfer mode; ATM; **wireless** LANs; real-time express transfer protocols; network management; high-speed protocols; integrated services networks; network performance; database applications

Class Codes: B0100 (General electrical engineering topics); B6260 (Optical links and equipment); B6150M (Protocols); B6210L (Computer communications); C5620L (Local area networks); C5640 (Protocols); C5670 (Network performance)

**8/5/11 (Item 1 from file: 111)**

DIALOG(R)File 111:TGG NATL.NEWSPAPER INDEX(SM)

(c) 2000 THE GALE GROUP. All rts. reserv.

04975091 Supplier Number: 18760587

**Nextel Launches New All-in-One Wireless Service in Denver; Company's PowerFone Integrates Digital Cellular, Instant Conferencing and Paging**

PR Newswire, p1014NYM046

Oct 14, 1996

LANGUAGE: English RECORD TYPE: Citation

COMPANY NAMES: Nextel Communications Inc.--Services

DESCRIPTORS: Telecommunications industry--Services

PRODUCT NAMES: 4811550 (Teleconferencing); 4811800 (Mobile Radio Services)

SIC CODES: 4899 Communication services, not elsewhere classified; 4812 Radiotelephone communications

TICKER SYMBOLS: CALL

FILE SEGMENT: NW File 649

**8/5/12 (Item 2 from file: 111)**

DIALOG(R)File 111:TGG NATL.NEWSPAPER INDEX(SM)

(c) 2000 THE GALE GROUP. All rts. reserv.

04965294 Supplier Number: 18729836

**Nextel Launches New Digital Cellular, Instant Conferencing and Paging Services Ahead of Schedule in Boston**

PR Newswire, p1002NYW018

Oct 2, 1996

LANGUAGE: English RECORD TYPE: Citation



COMPANY NAMES: Nextel Communications Inc.--Services  
DESCRIPTORS: **Cellular** telephone services industry--Services  
PRODUCT NAMES: 4811801 (**Cellular** Mobile Radio Services)  
SIC CODES: 4812 Radiotelephone communications  
TICKER SYMBOLS: CALL  
FILE SEGMENT: NW File 649

**8/5/13 (Item 3 from file: 111)**

DIALOG(R) File 111:TGG NATL.NEWSPAPER INDEX(SM)  
(c) 2000 THE GALE GROUP. All rts. reserv.

04951111 Supplier Number: 18679968

**Nextel Initiates Nationwide Roll-out of New Wireless Service Integrating Digital Cellular, Instant Conferencing and Paging -- iDEN Tests Declared Successful - Service Begins Today in Chicago --.**

Business Wire, p9160503

Sep 16, 1996

LANGUAGE: English RECORD TYPE: Citation

COMPANY NAMES: Nextel Communications Inc.--Product introduction  
DESCRIPTORS: **Cellular** telephone services industry--Product introduction  
PRODUCT NAMES: 3662166 (**Cellular** Mobile Tel Equip)  
SIC CODES: 3663 Radio & TV communications equipment  
TICKER SYMBOLS: CALL  
FILE SEGMENT: NW File 649

**8/5/14 (Item 1 from file: 233)**

DIALOG(R) File 233:Microcomputer Abstracts  
(c) 1999 Information Today Incl. All rts. reserv.

00468244 97PM08-012

**Tune up your telephone**

Spark, David

PC/Computing , August 1, 1997 , v10 n8 p104, 1 Page(s)

ISSN: 0899-1847

Company Name: Centrepont Technologies

Product Name: Centrepont Switchboard

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): C

Geographic Location: United States

Presents a mixed review (three of five stars) of Switchboard (\$495), a small office communications system from Centerpoint Technologies (613). The device is a personal PBX to which can be **connected** two phone lines with as many as four extensions. It then adds a virtual extension which utilizes its call-forward feature to contact a beeper or **cellular** phone. It supports distinctive **ring** , automatic callback, call **conferencing** , and fax routing. Since it is limited to four extensions, it is not suitable for large companies. It does not have a battery backup. Its outgoing message is fuzzy and limited to 28 seconds, but this provides an inexpensive way of adding finesse to a small-office phone system. Includes one photo. (djd)

Descriptors: Telecommunications; Small Business

Identifiers: Centrepont Switchboard; Centrepont Technologies

**8/5/15 (Item 2 from file: 233)**

DIALOG(R) File 233:Microcomputer Abstracts  
(c) 1999 Information Today Incl. All rts. reserv.

00384145 95BY05-012

**Small-scale telephony -- Six multifunction telephony boards manage fax, voice, modem, and sound**

Yager, Tom

BYTE , May 1, 1995 , v20 n5 p125-128, 4 Page(s)

ISSN: 0360-5280

Company Name: Spectrum Signal Processing; Best Data Products; Objix

Multimedia; MediaMagic - IPC Technologies; Boca Research  
Product Name: OfficeF/X; ACE 5000; Media Manager; Telemetry-32;  
SoundExpression 14.4VSp  
Languages: English  
Document Type: Buyer and Vendor Guide  
Geographic Location: United States  
Presents a buyer's guide to multifunction telephony cards, reviewing the following boards: OfficeF/X (\$299) from Spectrum Signal Processing of Burnaby, BC (800, 604); ACE 5000 (\$299) from Best Data Products, Inc. of Chatsworth, CA (800, 818); Media Manager (\$379) from Objix Multimedia Corp. of Waltham, MA (800, 617); Telemetry-32 (\$299) from MediaMagic-IPC Technologies, Inc. of Austin, TX (800, 512); Media-TEL (\$399) from American Megatrends, Inc. of Norcross, GA (800, 404); and SoundExpression 14.4VSp (\$179) from Boca Research, Inc. of Boca Raton, FL (407). Features a table comparing these cards in terms of DSP, 14.4-Kbps fax and data modem, ability to upgrade to V.34, Windows Sound System-compatible, Wave-table MIDI, CD-ROM **connections**, microphone, and telephony software features including unified inbox, multiple mailboxes, caller ID, call auto-detect, **pager notification**, and remote message retrieval. Includes seven photos, one screen display, and a list of vendors. (jo)  
Descriptors: Telephone; Vendor Guide; Digital Signal Processing; Sound; Expansion Board  
Identifiers: OfficeF/X; ACE 5000; Media Manager; Telemetry-32; SoundExpression 14.4VSp; Spectrum Signal Processing; Best Data Products; Objix Multimedia; MediaMagic - IPC Technologies; Boca Research

8/5/16 (Item 3 from file: 233)  
DIALOG(R)File 233:Microcomputer Abstracts  
(c) 1999 Information Today Incl. All rts. reserv.

00291234 92MU09-023  
**Network news -- The Mac has always been a networking trendsetter; and the best is yet to come. Here's what Apple plans for connectivity and..**  
Bortman, Henry  
MacUser, October 1, 1992, v8 n10 pBG4-BG8, 4 Page(s)  
ISSN: 0884-0997  
Languages: English  
Document Type: Feature Articles and News  
Geographic Location: United States  
Discusses Apple plans for **connectivity** and networking on the Macintosh and on other platforms. Says that LocalTalk can't handle the traffic, so people are moving to networks such as Ethernet and token **ring** and FDDI for even greater bandwidth. Other trends in network **connections** is **wireless** and **cellular** modems. Also discusses Open Collaboration Environment, an extension to System 7 for e-mail services. Contains side-bar articles: 'For more information...' lists recent articles from MacUser on managing your network; 'A brief history of Mac networks'; and 'How to network' discusses how to stay completely informed about every aspect of networking, including contacting local user groups, on-line experts, books to read, networking magazines, and the annual Macintosh **connectivity conference**. (vl)  
Descriptors: Networks; Systems Integration; Apple Computer Co.

8/5/17 (Item 1 from file: 434)  
DIALOG(R)File 434:SciSearch(R) Cited Ref Sci  
(c) 1998 Inst for Sci Info. All rts. reserv.

09483588 Genuine Article#: U5241 Number of References: 106  
**Title: 4TH DUBLIN CONFERENCE ON MATRIX-THEORY AND ITS APPLICATIONS**  
Author(s): GAINES F  
Corporate Source: NATL UNIV IRELAND UNIV COLL DUBLIN, DEPT MATH/DUBLIN 4//IRELAND/  
Journal: LINEAR ALGEBRA AND ITS APPLICATIONS, 1989, V117, MAY, P133-183  
Language: ENGLISH Document Type: ARTICLE  
Geographic Location: IRELAND  
Subfile: SciSearch; Scisearch; CC PHYS--Current Contents, Physical,

Chemical & Earth Sciences

Journal Subject Category: MATHEMATICS, APPLIED

Research Fronts: 87-0276 001 (**CELLULAR** AUTOMATA; BROADWELL MODEL IN 1+1  
DIMENSIONS; KAUFFMANS RANDOM BOOLEAN NETWORK)

87-1809 001 (COMPLEX POLYNOMIALS; STABILITY ANALYSIS)

87-1926 001 (ALGEBRAIC K-THEORY; P-ADIC GROUP-**RINGS** ; GLOBAL  
HOMOLOGICAL DIMENSION; FINITE INDEX SUBGROUPS)

87-2404 001 (LINEAR-SYSTEMS OF EQUATIONS; SUCCESSIVE OVERRELAXATION  
METHOD; POSITIVE MATRICES; VECTOR COMPUTERS)

87-8442 001 (COMMUTING OPERATORS; BOUNDARY OF TAYLOR **JOINT** SPECTRUM)

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8/5/18 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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1764545 H.W. WILSON RECORD NUMBER: BAST94035504

Wireless **gets real**

Harvey, David A; Santalessa, Richard

Byte v. 19 (May '94) p. 90-2+

DOCUMENT TYPE: Feature Article ISSN: 0360-5280 LANGUAGE: English

RECORD STATUS: Corrected or revised record

ABSTRACT: A special section examines **wireless** communications. **Wireless** technology is rapidly augmenting wide-area communications, data transmission, and network access services. **Wireless** technology encompasses one-way communications, such as **paging** services, which allow broadcasts of information to single or multiple receivers, and two-way communications, including LAN **connections** , **wireless** pay phones, and

real-time **conferencing** . The article discusses analog **cellular** , CDPD ( **cellular** digital packet data), and RF packet radio communications and personal digital assistants. Related articles discuss personal communication services, the development of a **wireless** LAN standard, and General Magic's communications language Telescript. .

DESCRIPTORS: Digital radio transmission--Packet transmission; **Cellular** telephone networks;

13/5/1 (Item 1 from file: 108)  
DIALOG(R)File 108:AEROSPACE DATABASE  
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02327840 N97-30877

**Spread Spectrum Communication Systems. (Latest citations from the U.S. Patent Bibliographic File with Exemplary Claims)**

; et al.  
NERAC, Inc., Tolland, CT.  
CORPORATE CODE: NW110776  
May 1997 OP.  
NOTE: Supersedes PB96-860341  
REPORT NO.: PB97-859680; NIPS-97-77120  
LANGUAGE: English  
COUNTRY OF ORIGIN: United States COUNTRY OF PUBLICATION: United States  
DOCUMENT TYPE: OTHER  
OTHER AVAILABILITY: Issuing Activity (Natl Technical Information Service (NTIS))

JOURNAL ANNOUNCEMENT: STAR9701

The bibliography contains citations of selected patents concerning spread spectrum technology for use in the development of communication systems. Citations describe the types of communication systems, including code division multiple access, **cellular**, **conference calling**, microwave overlay, and direct sequence. Topics include the design of transmitters and receivers, digital transmission, synchronization, radiotelephone systems, remote communications, and indoor communications. (Contains 50-250 citations and includes a subject term index and title list (NTIS))

DESCRIPTORS: \*BIBLIOGRAPHIES; \*RADIO COMMUNICATION; \*SPREAD SPECTRUM TRANSMISSION; CODE DIVISION MULTIPLE ACCESS; DIGITAL SYSTEMS; RADIOTELEPHONES; RECEIVERS; TRANSMITTERS

SUBJECT CLASSIFICATION: 8732 Communications & Radar (1987-)

13/5/2 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS  
COMP&DISTR 1998 NTIS, INTL COPYRIGHT ALL RIGH. All rts. reserv.

2007817 NTIS Accession Number: PB97-859680

**Spread Spectrum Communication Systems. (Latest citations from the U.S. Patent Bibliographic File with Exemplary Claims)**

(Published Search)

NERAC, Inc., Tolland, CT.  
Corp. Source Codes: 103588000  
Sponsor: National Technical Information Service, Springfield, VA.  
May 97 50-250 citations  
Languages: English Document Type: Bibliography; Patent  
Journal Announcement: GRAI9716  
Updated with each order. Supersedes PB96-860341. Sponsored in part by National Technical Information Service, Springfield, VA.  
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC N01/MF N01

Country of Publication: United States

The bibliography contains citations of selected patents concerning spread spectrum technology for use in the development of communication systems. Citations describe the types of communication systems, including code division multiple access, **cellular**, **conference calling**, microwave overlay, and direct sequence. Topics include the design of transmitters and receivers, digital transmission, synchronization, radiotelephone systems, remote communications, and indoor communications. (Contains 50-250 citations and includes a subject term index and title list.) (Copyright NERAC, Inc. 1995)

Descriptors: \*Bibliographies; \*Radio communication; Transmitters; Receivers; Patents

Identifiers: \*Spread spectrum communication; \*Spread spectrum communication systems; Published Searches; NTISPSPTO; NTISNERACD

Section Headings: 45C\* (Communication--Common Carrier and Satellite); 88E  
(Library and Information Sciences--Reference Materials)

13/5/3 (Item 1 from file: 144)  
DIALOG(R) File 144:PASCAL  
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09174718 PASCAL No.: 90-0343098

**Basic fibroblast growth factor suppressed the enhancement of choline  
acetyltransferase activity induced by nerve growth factor**

MATSUDA S; SAITO H; NISHIYAMA N

Univ. Tokyo, fac. pharmaceutical sci., dep. chemical pharmacology, Tokyo,  
Japan

Journal: Neuroscience Letters, 1990, 114 (1) 69-74

ISSN: 0304-3940 CODEN: NELED5 Availability: INIST-17240;  
354000008793620130

No. of Refs.: 26 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: Netherlands

Language: English

We investigated change of choline acetyltransferase (ChAT) activities in  
rat embryonic (16 days) septal neuron culture in treatment with basic  
fibroblast growth factor (bFGF) and nerve growth factor (NGF). The results  
suggest that bFGF enhances total ChAT activity but not **cellular ChAT**  
activity and further suppresses the enhancement of **cellular ChAT**  
activity induced by NGF in septal neuron culture

English Descriptors: Rat; Septum nucleus; Choline acetyltransferase;

Fibroblast growth factor; Nerve growth factor; Cholinergic neuron;

Histochemistry; Enzyme; Brain; Central nervous system; Cell culture

Broad Descriptors: Rodentia; Mammalia; Vertebrata; Rodentia; Mammalia;  
Vertebrata; Rodentia; Mammalia; Vertebrata

French Descriptors: Rat; Noyau septum; Choline acetyltransferase; Facteur  
croissance fibroblaste; Facteur croissance nerf; Neurone cholinergique;  
Histochimie; Enzyme; Encephale; Systeme nerveux central; Culture  
cellulaire; Facteur croissance fibroblaste basique

Classification Codes: 002A25D02

Set	Items	Description
S1	662487	WIRELESS? OR CELLULAR? OR CAR()PONE? OR PAGER? OR OFF()LIN- E? OR OFFFLINE?
S2	247027	INTERACTIVE()COMMUNICATION? OR CHAT? OR ICQ OR INSTANT()ME- SSAGE? OR IRC OR CONFERENCING OR CONFERENCE()CALL?
S3	1434411	ALERT? OR PAGE OR PAGED OR PAGING OR RING? OR NOTIF?
S4	6321152	COMBINE? OR LINK? OR JOIN? OR CONNECT? OR BEGIN? OR LAUNCH?
S5	7586	S1 AND S2 AND S3 AND S4
S6	517	S1(S)S2(S)S3(S)S4
S7	203	S1(N)S2
S8	16	S6 AND S7
S9	1082	S1(3N)S2
S10	89	S6 AND S9
S11	89	S8 OR S10
S12	57	RD (unique items)
S13	39	S12 NOT PY>1997
S14	39	S13 NOT PD>971114
File 275:GALE GROUP COMPUTER DB(TM) 1983-2000/JAN 10 (c) 2000 THE GALE GROUP		
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14/3,K/1 (Item 1 from file: 275)

DIALOG(R)File 275:GALE GROUP COMPUTER DB(TM)

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02114408 SUPPLIER NUMBER: 19931681 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Wireless: AT&T launches wireless digital PCS in Philadelphia, Washington, D.C./Baltimore and Charlotte. (AT&T Wireless Services) (Company Business and Marketing)**

EDGE, on & about AT&T, v12, p11(1)

Oct 20, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 588 LINE COUNT: 00053

... in North America.

AT&T Digital PCS is an all-in-one communications service which **combines** numerous advanced features, such as Caller ID, alphanumeric and numeric **paging**, short e-mail messaging and VoiceMail with a Message Waiting Indicator. It offers superior voice quality, enhanced privacy and fraud protection, and extended battery life. And it provides traditional **wireless** telephone features, including Call Waiting, Immediate Call Forwarding and Three-Way **Conference Calling**.

AT&T **Wireless** is the first provider to offer dual-band dual-mode wireless telephone service. The new...

14/3,K/2 (Item 2 from file: 275)

DIALOG(R)File 275:GALE GROUP COMPUTER DB(TM)

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01987824 SUPPLIER NUMBER: 18712288 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Wireless: Nextel Communications unveils area's only wireless service that integrates digital cellular, paging and instant conferencing; one service, one device, one number improves customer productivity and cuts costs. (Company Business and Marketing)**

EDGE, on & about AT&T, v11, p11(1)

Sep 23, 1996

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 818 LINE COUNT: 00072

**Wireless: Nextel Communications unveils area's only wireless service that integrates digital cellular, paging and instant conferencing; one service, one device, one number improves customer productivity and cuts costs. (Company Business and...**

TEXT:

In a move that will mark a new era for **wireless** communications, Nextel Communications Monday **launched** the area's first fully digital communications service using a portable phone that consolidates **cellular**, **paging** and instant **conferencing** into one phone with one service provider and one phone number.

... paging messages; cellular calls will be billed at per minute rates. Other packages that integrate **cellular**, paging and instant **conferencing** services also are available.

The Nextel iP370 PowerFone, manufactured by Motorola, sells between \$369 and...

14/3,K/3 (Item 3 from file: 275)

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01980490 SUPPLIER NUMBER: 18683098 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Nextel Treks Beyond Cellular.**

Newsbytes, pNEW09170059

Sep 17, 1996

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 370 LINE COUNT: 00034

TEXT:

...By Bob Woods. Nextel Communications said it is introducing to the Chicago-area market a **wireless** phone service that **combines** digital **cellular** , **paging** , and **conferencing** capabilities into one phone with one phone number. The system, which uses Motorola's (NYSE...

14/3,K/4 (Item 4 from file: 275)  
DIALOG(R)File 275:GALE GROUP COMPUTER DB(TM)  
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01968362 SUPPLIER NUMBER: 18559675  
**Financial: WorldCom reports record Q2 results. (Company Financial Information)**  
EDGE, on & about AT&T, v11, p24(1)  
August 5, 1996  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1744 LINE COUNT: 00268

... no further cash interest requirement related to the notes.  
During the second quarter, WorldCom, Inc. **launched** several new promotions aimed at the retail market. Bottom Line Business, targeted to the small...

...of services which, in addition to domestic and international long distance, can include calling card, **cellular** , **conference calling** , enhanced fax, **paging** and Internet access. Designed for businesses spending less than \$250 per month on telecommunications, the...

14/3,K/5 (Item 5 from file: 275)  
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01796452 SUPPLIER NUMBER: 17072654 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The desktop goes global; Microsoft, AT&T, other vendors prepare for convergence. (computers and telephony) (Direct from the Editor) (Column)**  
Blackford, John  
Computer Shopper, v15, n7, p50(2)  
July, 1995  
DOCUMENT TYPE: Column ISSN: 0886-0556 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 962 LINE COUNT: 00080

... devices, and video-on-demand set-top boxes.  
Microsoft also expects Windows-based PCs to **begin** managing the whole range of communications and data-processing chores, from voice messaging, fax, **wireless paging** , and video **conferencing** to various standard software applications.  
Microsoft even plans to extend Windows to office phone systems...  
...Longer-term, the goal is to have a unified worldwide network with voice messaging, video **conferencing** , fax, **wireless** , and data, all on an asynchronous-transfer-mode (ATM) network.  
ATM is perfect for mixing...

14/3,K/6 (Item 6 from file: 275)  
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01702727 SUPPLIER NUMBER: 16258466 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Next-generation AT&T PCs enfold McCaw technology. (AT&T and McCaw Cellular Communications Inc's joint Personal Computing and Communications strategy)**  
Dicarlo, Lisa  
PC Week, v11, n38, p1(2)  
Sept 26, 1994

ABSTRACT: The Personal Computing and Communications strategy spawned by the merger between AT&T and McCaw **Cellular** Communications Inc will fuel development of PCs that interact via bidirectional **paggers** featuring E-mail, application **conferencing**, voice recognition and **wireless** network support. The strategy is unique in that the merger should ensure systems that are...

...Pentium-based Globalyst PCs. In early 1995 the company will use its MessageFlash and MailFlash **paging** software to **link** desktop E-mail with mobile **paggers**; McCaw will install the **paging** packages on all Global's PCs, which will cost between \$2,000 and \$6,000.

... PCs designed to interact with such features as two-way paggers that support E-mail, **wireless** networks, application **conferencing**, and voice recognition, sources close to the company said.

While manufacturers have been adding communications...

14/3,K/7      (Item 7 from file: 275)  
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01474107      SUPPLIER NUMBER: 11948736  
'Call-sell' rings steal cellular service, link Arabs to Israel for \$18 a minute.

Keller, John J.  
Wall Street Journal, Fri ed, col 2, pA5B pB3A  
March 13, 1992  
CODEN: WSJOAF      ISSN: 0193-2241      LANGUAGE: ENGLISH  
RECORD TYPE: ABSTRACT

ABSTRACT: Telephone fraud has now invaded the **cellular** industry through a theft **ring** that **links** calls between Arab countries and boycotted Israel by stealing **cellular** services from US **cellular** carriers. These **rings**, called call-sell operations, charge \$18 per minute for each call and are difficult for authorities to catch because of the mobile nature of **cellular** service. One **ring** was broken up in Jan 1992 in Phoenix, AZ; the five people arrested are all Middle Eastern nationals. The US Secret Service, police and telephone companies are cooperating to uncover **rings** in the US and Canada. The call-sell operation works through agents in Middle Eastern countries, employed by the **ring** in the US, who arrange telephone calls to Israel at specified times, which then are patched through a **conference call** via a **cellular** company or a long-distance company. Since the services are stolen, all of the money taken for the calls is profit. The legitimate **cellular** customers are billed for the fraudulent calls. The Phoenix operation is estimated to have earned...

14/3,K/8      (Item 1 from file: 47)  
DIALOG(R)File 47:GALE GROUP MAGAZINE DB(TM)  
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04239270      SUPPLIER NUMBER: 16947196      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
J&L's server room in a box. (J&L Information Systems' ChatterBox communications server) (Network Edition: First Looks) (Hardware Review) (Evaluation)  
Rigney, Steve  
PC Magazine, v14, n10, pNE19(2)  
May 30, 1995  
DOCUMENT TYPE: Evaluation      ISSN: 0888-8507      LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 560      LINE COUNT: 00063

... information on hardware components, including the CPU, RAM, and hard disk of each processor board, **ChatView** is limited to data such as the name of the user **connected** to the processor and the number of

processors in a rack. **ChatView** does support **pager notification of alerts**, however, while CMS does not.

J&L ChatterBox. List price: tested configuration, \$33,263. J...

**14/3,K/9 (Item 1 from file: 636)**

DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)

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03748849 Supplier Number: 48107030 (USE FORMAT 7 FOR FULLTEXT)

**AT&T: AT&T launches wireless digital PCS in St. Louis**

M2 Presswire, pN/A

Nov 6, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 660

... in North America.

AT&T Digital PCS is an all-in-one communications service, which **combines** numerous advanced features, such as Caller ID, alphanumeric and numeric **paging**, short e-mail messaging and VoiceMail with a Message Waiting Indicator. It offers superior voice quality, enhanced privacy and fraud protection, and extended battery life. And it provides traditional **wireless** telephone features, including Call Waiting, Immediate Call Forwarding and Three-Way **Conference Calling**.

AT&T **Wireless** is the first provider to offer dual-band dual-mode wireless telephone service. The new...

**14/3,K/10 (Item 2 from file: 636)**

DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)

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03726748 Supplier Number: 48054979 (USE FORMAT 7 FOR FULLTEXT)

**AT&T: AT&T launches wireless Digital PCS in more metropolitan areas**

M2 Presswire, pN/A

Oct 16, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 656

... in North America.

AT&T Digital PCS is an all-in-one communications service that **combines** numerous advanced features, such as Caller ID, alphanumeric and numeric **paging**, short e-mail messaging and VoiceMail with a Message Waiting Indicator. It offers superior voice quality, enhanced privacy and fraud protection, and extended battery life. And it provides traditional **wireless** telephone features, including Call Waiting, Immediate Call Forwarding and Three-Way **Conference Calling**.

AT&T **Wireless** is the first provider to offer dual-band, dual-mode wireless telephone service. The new...

**14/3,K/11 (Item 3 from file: 636)**

DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)

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03599855 Supplier Number: 47453125 (USE FORMAT 7 FOR FULLTEXT)

**DESPITE FCC APPROVAL, FEW CELLULAR CARRIERS SHOW INTEREST IN DISPATCH**

Mobile Phone News, v15, n23, pN/A

June 9, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 690

... necessarily with cellular.

GTE Wireless GTE has no plans to offer voice dispatch services.

Kansas **Cellular** Somewhat similar to dispatch, the company soon will

introduce a new service, "group **ring**". This service features eight phones that are **connected** on the same line and share the same number. The **connection** is still one-to-one and does not offer group **conferencing**.

Palmer **Wireless** Currently, the company does not offer dispatch. They are "looking into it" but have yet...

14/3,K/12 (Item 4 from file: 636)

DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)

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03419432 Supplier Number: 47039503 (USE FORMAT 7 FOR FULLTEXT)

**MCI AND CLUB MED SIGN AGREEMENT**

Telecommunications Alert, v14, n10, pN/A

Jan 15, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 88

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...local service to Club Med's New York City office, as well as call center, **cellular**, **paging**, **conferencing**, "800" calling, and prepaid calling card services. Club Med will also **launch** a new membership card with MCI's help that doubles as a calling card. -- The...

14/3,K/13 (Item 5 from file: 636)

DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)

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03298901 Supplier Number: 46773652 (USE FORMAT 7 FOR FULLTEXT)

**NEXTEL COMMUNICATIONS LAUNCHES NEW SERVICES IN BOSTON**

Communications Today, pN/A

Oct 4, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 130

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Nextel Communications has **launched** a new service in Boston that will allow customers to have digital **cellular**, **paging** and instant **conferencing** services in a single phone.

14/3,K/14 (Item 6 from file: 636)

DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)

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03291806 Supplier Number: 46761718 (USE FORMAT 7 FOR FULLTEXT)

**Bundling's Back-End**

Telemedia News & Views, v4, n10, pN/A

Oct 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 2325

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and single point of contact for an offer that includes local, long distance, international, data, **conferencing**, **paging**, Internet, and **cellular** "from one company." MCI refers to its bundling accomplishments as "a feat of billing, engineering...

...that its feats aren't yet too big, its next act is to grow "its **wireless** and local footprint." That's where a crucial partnership enters the picture. MCI has forged...

...its traditional lines of local toll, long-distance services, and calling card services with local **cellular** phone or PCS-like services from AT&T **Wireless** and Internet access via AT&T WorldNet Service. It also spices up the package with...

...store" concept to market Sprint Spectrum personal communications services (PCS), Sprint long distance, local and **wireless** phone service, Internet access and **paging**, as well as Spree prepaid phone cards. Sprint has also made RadioShack "the exclusive retailer...s "Help Desk" applications. In the Sprint installation, the customer support centers will be closely **linked** to the network operations organization where the PCS systems infrastructure is monitored. This provides the...

...are becoming more common as competition seeps into every aspect of the global telecommunications market. **Cellular** carriers, voice mail service providers, Cable TV operators, Competitive Local Exchange Carriers (CLECs), and PCS...very local in nature. We are watching with great interest as Frontier Communications (Rochester, NY) **joins** MCI, TCI, Sprint, and a number of other carriers to battle for a share of...

...in the industry: competitive long distance rates, voice mail, toll-free 800 or 888 service, **paging**, **cellular** service in selected markets, and now local service - all with the convenience of a single...

14/3,K/15 (Item 7 from file: 636)  
DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)  
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03290176 Supplier Number: 46759959 (USE FORMAT 7 FOR FULLTEXT)  
**Cellular Communications**  
Interactive Home, pN/A  
Oct 1, 1996  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 135

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
at&t announced the **launch** of its Digital pcs offering in an effort to capitalize on the growing interest in this lower priced **cellular** alternative. Here at Jupiter, meanwhile, we puzzled over how at&t was able to buildout its pcs infrastructure so quickly-since it was expected to officially **launch** in early 1997. Our suspicions were confirmed when it was revealed in a question and...

...session with Bob Allen that this was not really' new digital pcs, but the old **cellular** service, packaged under a new name . . . Nextel Communications began its Boston **launch** of commercial digital **wireless** service last week, several weeks ahead of schedule. Boston is the second city in the national rollout of a service that lets customers buy one handset for digital **cellular**, alphanumeric **paging** and **conferencing**.

14/3,K/16 (Item 8 from file: 636)  
DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)  
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03278965 Supplier Number: 46731873 (USE FORMAT 7 FOR FULLTEXT)  
**Wireless: Nextel Communications unveils area's only wireless service that integrates digital cellular, paging and instant conferencing; one service, \*ne device, one number improves customer productivity and cuts costs**  
EDGE, on & about AT&T, pN/A  
Sept 23, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade

Word Count: 771

(USE FORMAT 7 FOR FULLTEXT)

**Wireless: Nextel Communications unveils area's only wireless service that integrates digital cellular, paging and instant conferencing; one service, \*ne device, one number improves customer productivity and cuts costs**

TEXT:

In a move that will mark a new era for **wireless** communications, Nextel Communications Monday **launched** the area's first fully digital communications service using a portable phone that consolidates **cellular** , **paging** and instant **conferencing** into one phone with one service provider and one phone number.

... paging messages; cellular calls will be billed at per minute rates. Other packages that integrate **cellular** , paging and instant **conferencing** services also are available.

The Nextel iP370 PowerFone, manufactured by Motorola, sells between \$369 and...

14/3,K/17 (Item 9 from file: 636)

DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)

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03278301 Supplier Number: 46730245 (USE FORMAT 7 FOR FULLTEXT)

**TELECOM MONITOR NOTEBOOK: NEXTEL**

Warren's Telecom Regulation Monitor, v1, n32, pN/A

Sept 23, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 57

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Nextel **launched wireless** services in Ill., Ind., and Wis. Sept. 16 under promotional banner "Beyond **Cellular** ," offering **cellular** , **paging** and **conferencing** services from portable phones. Commercial service follows 9-month technical test using Motorola Iden technology and PowerFone, company said. Service is \$30 per month, including 250 min. for **conferencing** and 50 pages; handset sells for \$369-\$429.

14/3,K/18 (Item 10 from file: 636)

DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)

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03273559 Supplier Number: 46719293 (USE FORMAT 7 FOR FULLTEXT)

**These are the headlines and first paragraphs of each story, in order:**

Newsbytes, pN/A

Sept 17, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 2068

... and Intel face a troubled future where their growth and profits

29. Nextel Treks Beyond **Cellular** -- By Bob Woods. Nextel Communications said it is introducing to the Chicago-area market a **wireless** phone service that **combines** digital **cellular** , **paging** , and **conferencing** capabilities into one phone with one phone number. The system, which uses Motorola's [NYSE...

14/3,K/19 (Item 11 from file: 636)

DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)

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03273551 Supplier Number: 46719285 (USE FORMAT 7 FOR FULLTEXT)

**Nextel Treks Beyond Cellular 09/17/96**

Newsbytes, pN/A  
Sept 17, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 348

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...By Bob Woods. Nextel Communications said it is introducing to the Chicago-area market a **wireless** phone service that **combines** digital **cellular** , **paging** , and **conferencing** capabilities into one phone with one phone number. The system, which uses Motorola's [NYSE...

14/3,K/20 (Item 12 from file: 636)

DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)  
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03273151 Supplier Number: 46718425 (USE FORMAT 7 FOR FULLTEXT)

**TELEPHONY - Nextel launched wireless services**

Communications Daily, v16, n181, pN/A

Sept 17, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 59

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Nextel **launched wireless** services in Ill., Ind., and Wis. Mon. under promotional banner "Beyond **Cellular** ," offering **cellular** , **paging** and **conferencing** services from portable phones. Commercial service follows successful 9-month technical test using Motorola's...

...technology and PowerFone device, company said. Service is \$30 per month, including 250 min. for **conferencing** and 50 pages, and handset sells for \$369-\$429.

14/3,K/21 (Item 13 from file: 636)

DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)  
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03272908 Supplier Number: 46718035 (USE FORMAT 7 FOR FULLTEXT)

**NEXTEL: Area's only wireless service integrating digital cellular, paging, instant conferencing**

M2 Presswire, pN/A

Sept 17, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 858

(USE FORMAT 7 FOR FULLTEXT)

**NEXTEL: Area's only wireless service integrating digital cellular, paging, instant conferencing**

TEXT:

...17 September 1996-NEXTEL: Nextel Communications unveils area's only wireless service that integrates digital **cellular** , **paging** and instant **conferencing** (C)1994-96 M2 COMMUNICATIONS LTD

... and cuts costs

ITASCA, Ill. -- In a move that will mark a new era for **wireless** communications, Nextel Communications today **launched** the area's first fully digital communications service using a portable phone that consolidates **cellular** , **paging** and instant **conferencing** into one phone with one service provider and one phone number.

With today's announcement...

...paging messages; cellular calls will be billed at per minute rates. Other packages that integrate **cellular** , **paging** and instant **conferencing**



services also are available.

The Nextel iP370 PowerFone, manufactured by Motorola, sells between \$369 and...

**14/3,K/22 (Item 14 from file: 636)**  
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03238990 Supplier Number: 46642489 (USE FORMAT 7 FOR FULLTEXT)

**WEBPHONE 2.0 AVAILABLE.**

Voice Technology & Services News, v15, n17, pN/A

August 20, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 174

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Boca Raton, Fla., beefed up WebPhone, its Internet telephony software product, with features such as **off -line** voice mail, call **conferencing** and Internet call transfer. The product can be downloaded from NetSpeak's World Wide Web...

...WebPhone 2.0 uses a point-to-point architecture, instead of relying on Internet Relay **Chat** servers, as market leader VocalTec Corp. does with its product, InternetPhone. WebPhone **connects** users to one another using their Internet Protocol address, which means their servers are **linked** directly. Internet Phone users meet in a voice-enabled Internet **chat** room to talk. WebPhone 2.0 added the TrueSpeech audio codec from Bell Labs of...  
...offers on-hold music through the Windows MIDI interface, an on-line text addition to **conference calling** and a help application. The product is \$49.95 and can be purchased from the home **page** or from more than 50 Internet Service Providers via their home pages. (NetSpeak, 407/998...

**14/3,K/23 (Item 15 from file: 636)**  
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02834791 Supplier Number: 45747751 (USE FORMAT 7 FOR FULLTEXT)

**AT&T OFFERS NEW DISCOUNT PLAN, DROPS 'TRUE SAVINGS' AS COMPETITION EBBS**

Common Carrier Week, v12, n34, pN/A

August 28, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Professional Trade

Word Count: 532

... discount plan, although "Sprint Sense" is company's chief long distance offering.

MCI "Friends & Family **Connections** " plan expanded discounts to **cellular , paging , conference calls** , 800 numbers and "follow-me" services earlier this year and now "New Friends and Family...

**14/3,K/24 (Item 16 from file: 636)**  
DIALOG(R)File 636:GALE GROUP NEWSLETTER DB(TM)  
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02626918 Supplier Number: 45316692 (USE FORMAT 7 FOR FULLTEXT)

**VOICE MESSAGING MARKET TO DOUBLE, TOP \$3 BILLION BY 2000, SPURRED BY NEW FEATURES**

M2 Presswire, pN/A

Feb 6, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 609

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...percent compound annual rate, projects a new study just released by Frost and Sullivan. The **cellular** revenues share will rise from 9 percent of the total market in 1993 to 13...

...which previously had little involvement with voice messaging. Midsize and large business messaging, meanwhile, will **begin** maturing. Sales of services to these customers will be bundled with other enhanced services as ...

...Providers are looking toward offering their customers "total" communications solutions combining long -distance, 800 access, **paging** , fax mail, interactive voice response, informational audiotex, teleconferencing and videoconferencing. Successful providers will educate end...

...business world, it is often provided by customer premise equipment rather than carrier services. As **cellular** service becomes less expensive, end-users will increasingly add optional features like voice messaging. Technological improvements being deployed include **cellular** digital messaging, which allows the user's **cellular** phone to act like a **pager** -- prompting callers to either leave a voice or other message to relay to the user...

...indication; gateways accessing all customer communications services with one call, including voice mail, fax mail, **pager** , long distance, **conference calling** and 1-800 services; integration of caller ID (and/or call waiting) with voice messaging...

...screening; partitioned mailboxes for use by various individuals; customer ability to change the number of **rings** before a call goes to the voice mailbox; and audible **ring** burst, where the phone **rings** briefly after a specified number of minutes indicating message waiting. Another increasingly available future feature...

...keypad to erase a message. Another will be the ability to forward messages from a **cellular** voice mailbox to office or home mailbox. Frost and Sullivan is an international high-technology...

14/3,K/25 (Item 1 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)

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05287168 Supplier Number: 48051957 (USE FORMAT 7 FOR FULLTEXT)

**AT&T Launches Wireless Digital PCS in Philadelphia, Washington, D.C./Baltimore and Charlotte.**

Business Wire, p10151079

Oct 15, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 617

... in North America.

AT&T Digital PCS is an all-in-one communications service which **combines** numerous advanced features, such as Caller ID, alphanumeric and numeric **paging** , short e-mail messaging and VoiceMail with a Message Waiting Indicator. It offers superior voice quality, enhanced privacy and fraud protection, and extended battery life. And it provides traditional **wireless** telephone features, including Call Waiting, Immediate Call Forwarding and Three-Way **Conference Calling** .

AT&T **Wireless** is the first provider to offer dual-band dual-mode wireless telephone service. The new...

14/3,K/26 (Item 2 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)

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05278182 Supplier Number: 48039950 (USE FORMAT 7 FOR FULLTEXT)  
**Iowa Network Services and Western Wireless Form Joint Venture to Expand PCS Footprint in Iowa.**  
Business Wire, pl0090104  
Oct 9, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 570

... Iowa Network Services was created in 1988 when 128 of Iowa's independent telephone companies **joined** together to provide competitive long distance service to their customers in over 300 Iowa towns...

...offices throughout the state with long distance, 800 numbers, voice messaging, Internet access, fax services, **paging**, video **conferencing**, **cellular** switching and high capacity networks, bringing the latest in technology to rural Iowa.

Based in...

14/3,K/27 (Item 3 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04914407 Supplier Number: 47225155 (USE FORMAT 7 FOR FULLTEXT)  
**Cellular One announces Digital PCS; Wireless phone, answering machine and pager combo easy to use anywhere; New simple price plans and reduced rates provide unsurpassed value.**  
Business Wire, p03200172  
March 20, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1209

... Building on its three year head start in offering Digital service to Bay Area customers, **Cellular** One's Digital PCS incorporates a variety of advanced features including extended battery life, fraud prevention, voice mail with a message waiting indicator to **alert** customers to messages in their **wireless** voice mail, Caller ID, and built-in **paging**. These new features will be **combined** with existing services such as greater call privacy, the ability to send and receive computer...

...and free custom calling features including call waiting, call forwarding, busy/no answer transfer, and **conference calling** capabilities.

"**Cellular** One is the only Bay Area wireless company that has an extensive and proven Digital...

14/3,K/28 (Item 4 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
(c) 2000 THE GALE GROUP. All rts. reserv.

04626834 Supplier Number: 46806648 (USE FORMAT 7 FOR FULLTEXT)  
**Behind the Scenes at Tonight's Presidential Debate: Nextel's All-in-One Wireless Service Keeps Organizers in Touch**  
PR Newswire, pl016SFW077  
Oct 16, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 267

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...stay in touch behind the scenes with the help of a unique all-in-one **wireless** service donated by Nextel Communications, Inc. (Nasdaq: CALL).

Nextel's integrated service **combines** the power of digital **cellular** , instant **conferencing** and alphanumeric **paging** in a single handset. ... people -- at the touch of a button and at a fraction of the cost of **cellular** .

Nextel's "instant **conferencing** " feature, made possible by Motorola's iDEN (integrated digital enhanced network) technology, allows customers to ...

14/3,K/29 (Item 5 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)

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04622584 Supplier Number: 46800225 (USE FORMAT 7 FOR FULLTEXT)

**Nextel Launches New All-in-One Wireless Service in Denver; Company's PowerFone Integrates Digital Cellular, Instant Conferencing and Paging**

PR Newswire, p1014NYM046

Oct 14, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 377

**Nextel Launches New All-in-One Wireless Service in Denver; Company's PowerFone Integrates Digital Cellular, Instant Conferencing and Paging**

DENVER, Oct. 14 /PRNewswire/ -- Nextel Communications (Nasdaq: CALL) today **launched** its new all-in-one digital **wireless** communications service in Denver, the third market in Nextel's nationwide commercial roll-out of its new PowerFone(TM), which **combines** digital **cellular** , instant **conferencing** and alphanumeric **paging** in a lightweight portable handset.

Unlike other cellular and PCS products, Nextel's service gives... ..chief executive officer. "The PowerFone goes 'beyond cellular' by combining the unique benefits of instant **conferencing** with digital **cellular** and alphanumeric paging services."

In addition to **cellular** and instant **conferencing** , the 8.7-ounce handset features a four-line display for alphanumeric messages of up...

14/3,K/30 (Item 6 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)

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04602995 Supplier Number: 46770231 (USE FORMAT 7 FOR FULLTEXT)

**Nextel Launches New Digital Cellular, Instant Conferencing and Paging Services Ahead of Schedule in Boston**

PR Newswire, p1002NYW018

Oct 2, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 643

**Nextel Launches New Digital Cellular, Instant Conferencing and Paging Services Ahead of Schedule in Boston**

... of the wireless service in Chicago on September 16.

Nextel -- an established provider of integrated **wireless** communications for teams of mobile workers -- is expanding its **wireless** capabilities in the Boston area with the introduction of Motorola's new iDEN technology which gives customers the ability to replace multiple **wireless** products with one handset that **combines** high-quality digital **cellular** with alpha numeric **paging** and "instant **conferencing** ." The technical specification that allows for this enhanced feature was developed to permit Nextel customers...

...the conventional cellular carriers or being promised by future PCS service providers. In addition to **cellular** and instant **conferencing** , the handset features a four-line display of up to 140 character alpha-numeric messaging...

14/3,K/31 (Item 7 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04594651 Supplier Number: 46755443 (USE FORMAT 7 FOR FULLTEXT)

**Cellular marketing shifts into high gear**

Parker, Tammy

Business Marketing, pl

Oct, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1118

... s a nightmare, an absolute nightmare,' Mr. Gillott says.

Sensing opportunity, MCI Communications Corp. recently **launched** its networkMCI One program. The fully integrated package provides a single, customized bill for a multitude of services, including local, long-distance and international calling; data; **conferencing** ; **paging** ; Internet; **cellular** ; and more. Initially, the service is available in 13 markets. The agency handling the account...

14/3,K/32 (Item 8 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04569526 Supplier Number: 46717000 (USE FORMAT 7 FOR FULLTEXT)

**Nextel Communications Unveils Area's Only Wireless Service that Integrates Digital Cellular, Paging and Instant Conferencing**

PR Newswire, p0916DEM030

Sept 16, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 843

**Nextel Communications Unveils Area's Only Wireless Service that Integrates Digital Cellular, Paging and Instant Conferencing**

... ITASCA, Ill., Sept. 16 /PRNewswire/ -- In a move that will mark a new era for **wireless** communications, Nextel Communications today **launched** the area's first fully digital communications service using a portable phone that consolidates **cellular** , **paging** and instant **conferencing** into one phone with one service provider and one phone number.

With today's announcement...

...paging messages; cellular calls will be billed at per minute rates. Other packages that integrate **cellular** , paging and instant **conferencing** services also are available.

The Nextel iP370 PowerFone, manufactured by Motorola, sells between \$369 and...

14/3,K/33 (Item 9 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
(c) 2000 THE GALE GROUP. All rts. reserv.

04565418 Supplier Number: 46710440 (USE FORMAT 7 FOR FULLTEXT)

**Nextel Initiates Nationwide Roll-out of New Wireless Service Integrating Digital Cellular, Instant Conferencing and Paging -- iDEN Tests Declared Successful - Service Begins Today in Chicago --.**

Business Wire, p09160503

Sept 16, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 782

**Nextel Initiates Nationwide Roll-out of New Wireless Service Integrating  
Digital Cellular, Instant Conferencing and Paging -- iDEN Tests  
Declared Successful - Service Begins Today in Chicago --....**

14/3,K/34 (Item 10 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04563337 Supplier Number: 46707341  
**MCI to offer business services on one bill.**  
Sun (Baltimore, MD), pC1  
Sept 13, 1996  
Language: English Record Type: Abstract  
Document Type: Newspaper; Trade

**ABSTRACT:**

...from phone-industry deregulation. Called NetworkMCIOne, the new package will comprise long distance/local phone, **cellular , conferencing** & data solutions and other services such as **paging** and Internet access. The new package, **launched** at a company conference in Dallas, TX, will originally be employed in 13 test markets, including Baltimore, MD. The move comes after the company **launched** MCI One, a similar consumer-oriented all-encompassing package, in May 1996. ...

14/3,K/35 (Item 11 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04483978 Supplier Number: 46582498 (USE FORMAT 7 FOR FULLTEXT)  
**WORLDCom, INC. REPORTS RECORD SECOND QUARTER RESULTS.**  
Business Wire, p07300325  
July 30, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 2564

... no further cash interest requirement related to the notes.  
During the second quarter, WorldCom, Inc. **launched** several new promotions aimed at the retail market. Bottom Line Business(SM), targeted to the...

...of services which, in addition to domestic and international long distance, can include calling card, **cellular , conference calling** , enhanced fax, **paging** and Internet access. Designed for businesses spending less than \$250 per month on telecommunications, the...

14/3,K/36 (Item 12 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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03566371 Supplier Number: 45011843  
**Nextel networks mayors**  
Oakland Tribune (CA), pC1  
Sept 23, 1994  
Language: English Record Type: Abstract  
Document Type: Newspaper; Trade

**ABSTRACT:**

Nextel Communications **launched** on 9/22/94 the first **wireless** digital communications network in California via a **cellular conference call** with the mayors of Oakland, Los Angeles and Sacramento. By 1996, Nextel anticipates expanding its...

...for the test site because California is in the "forefront of adopting the latest in **wireless** communications technology." McAuley estimates that

by year end, the company's investment in the state...

...260 workers in the Bay Area in Hayward, Lafayette and Oakland. Nextel is offering digital **cellular** , text and voice messaging, and dispatch all in one phone which would cost between \$600...

...Even when the unit is turned off, up to 100 characters can be sent via **page** .

**14/3,K/37 (Item 1 from file: 813)**

DIALOG(R)File 813:PR Newswire

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1014434

ATTU006

**Nextel Launches New Wireless Service Ahead of Schedule in Atlanta: iDEN Tests Declared Successful**

DATE: October 29, 1996

09:10 EST

WORD COUNT: 397

...our customers."

Nextel's new integrated digitally enhanced system is accessed through the PowerFone, a **wireless** device that **combines** digital **cellular** , group and private **conferencing** , and alphanumeric **paging** in a lightweight portable handset.

Unlike other recently introduced digital cellular service, however, the PowerFone...

**14/3,K/38 (Item 1 from file: 696)**

DIALOG(R)File 696:DIALOG TELECOM. NEWSLETTERS

(c) 2000 THE DIALOG CORP. All rts. reserv.

00060646

**MCI UNVEILS INTEGRATED 'NETWORKMCI ONE' PACKAGE IN 13 MARKETS**

TR Daily

September 12,1996 VOL: 2 ISSUE: 178 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: BRP PUBLICATIONS

LANGUAGE: ENGLISH

WORD COUNT: 171

RECORD TYPE: FULLTEXT

(c) BRP PUBLICATIONS All Rts. Reserv.

TEXT:

...MCI's plan to roll out broad-based one-stop-shopping packages after the earlier **launch** of MCI One for consumers and small businesses (TR, May 6). Although MCI One does...

...exchange service yet, the new network MCI One package includes "local, long distance, international, data, **conferencing** , **paging** , Internet, **cellular** , and more," MCI said...

**14/3,K/39 (Item 2 from file: 696)**

DIALOG(R)File 696:DIALOG TELECOM. NEWSLETTERS

(c) 2000 THE DIALOG CORP. All rts. reserv.

00059981

**INDUSTRY NEWS**

Telecommunications Reports

September 16,1996 VOL: 62 ISSUE: 37 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: BRP PUBLICATIONS

LANGUAGE: ENGLISH

WORD COUNT: 1355

RECORD TYPE: FULLTEXT

(c) BRP PUBLICATIONS All Rts. Reserv.

TEXT:

...MCI Telecommunications Corp. has **launched** an integrated billing option networkMCI One for business customers in 13 markets: New York, Chicago...

...and Hartford, Conn. Customers will be able to have MCI local, long distance, international, data, **conferencing** , **paging** , Internet, and **cellular** services **combined** on one bill...



Set	Items	Description
S1	57798	WIRELESS? OR CELLULAR? OR CAR()PONE? OR PAGER? OR OFF()LIN- E? OR OFFFLINE?
S2	7776	INTERACTIVE()COMMUNICATION? OR CHAT? OR ICQ OR INSTANT()ME- SSAGE? OR IRC OR CONFERENCING OR CONFERENCE()CALL?
S3	621651	ALERT? OR PAGE OR PAGED OR PAGING OR RING? OR NOTIF?
S4	3453471	COMBINE? OR LINK? OR JOIN? OR CONNECT? OR BEGIN? OR LAUNCH?
S5	0	S1 (S) S2 (S) S3 (S) S4
S6	11	S1(3N)S2
S7	105471	UNCONNECT? OR OFFLINE? OR ("NOT" OR UN OR OFF)() (CONNECT? - OR LINE?) OR DISCONNECT?
S8	0	S1 AND S2 AND S3 AND S4 AND S7
S9	8	S1 AND S2 AND S3
S10	4221	S1 AND S7
S11	5	S10 AND S2
S12	22	S6 OR S9 OR S11
S13	17	S12 NOT AD>971114
S14	17	IDPAT (sorted in duplicate/non-duplicate order)
S15	17	IDPAT (primary/non-duplicate records only)

File 344:Chinese Patents ABS Apr 1985-1999/Dec  
(c) 1999 European Patent Office

File 347:JAPIO OCT 1976-1999/SEP(UPDATED 991229)  
(c) 1999 JPO & JAPIO

File 351:DERWENT WPI 1963-1999/UD=, UM=, & UP=199954  
(c) 1999 DERWENT INFO LTD

15/5/1 (Item 1 from file: 351)  
DIALOG(R) File 351:DERWENT WPI  
(c) 1999 DERWENT INFO LTD. All rts. reserv.

012812487 \*\*Image available\*\*  
WPI Acc No: 99-618718/199953  
XRPX Acc No: N99-456092

**Wireless telecommunication extension service providing system in telecommunication network**

Patent Assignee: BELL SOUTH INTELLECTUAL PROPERTY CORP (BELL-N)

Inventor: BEDINGFIELD J C; BLOUNT J; O'NEIL D R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
US 5963864	A	19991005	US 96656561	A	19960531	H04Q-007/20	199953 B

Priority Applications (No Type Date): US 96656561 A 19960531

Patent Details:

Patent	Kind	Lan	Pg	Filing	Notes	Application	Patent
US 5963864	A		25				

Abstract (Basic): US 5963864 A

NOVELTY - The programmable network element operates in response to receipt of communication by setting up one leg of **conference call** to telephones (20e,20f) and another leg of **conference call** to **wireless** unit (34), in turn making both the units **ring**.

DETAILED DESCRIPTION - A **wireless** network switch (36) is provided to which a service node (30) is connected which operates in response to receipt of request for communication processing instructions by switch. Then switch is operated to check whether a **wireless** unit (34) is available. If it is available then the instructions are provided to switch, that include direction to route the communication to a programmable network element during which switch further gets operative.

USE - For providing **wireless** telecommunication extension service to make **conference calls** in telecommunication network.

ADVANTAGE - Any of the telephone or **wireless** unit can be used to make and receive calls just as if they were not part of service, if **conference call** is not in progress. Eliminate need for making separate calls to person's telephone number and mobile telephone number in order to reach the person, by providing programmable network element.

DESCRIPTION OF DRAWING(S) - The figure shows explanatory diagram of **wireless** telecommunication extension service providing system.

Telephones (20e,20f)

Service node (30)

**Wireless** unit (34)

**Wireless** network switch (36)

pp; 25 DwgNo 2/5

Title Terms: **WIRELESS**; TELECOMMUNICATION; EXTEND; SERVICE; SYSTEM; TELECOMMUNICATION; NETWORK

Derwent Class: W01; W02

International Patent Class (Main): H04Q-007/20

File Segment: EPI

15/5/2 (Item 2 from file: 351)  
DIALOG(R) File 351:DERWENT WPI  
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012587871 \*\*Image available\*\*  
WPI Acc No: 99-393978/199933  
XRPX Acc No: N99-294402

**Parallel processing building block chip for processing system used in television set top box**

Patent Assignee: AUDIO DIGITALIMAGING INC (AUDI-N)

Inventor: MESSER D D; MONROE M J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
US 5911082	A	19990608	US 97810140	A	19970225	G06F-015/00	199933 B

Priority Applications (No Type Date): US 97810140 A 19970225

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
US 5911082	A		12			

Abstract (Basic): US 5911082 A

NOVELTY - A memory interface controller is connected to external RAM (12) and a router. The data router controller controls routing of data between any of high, medium and low performance data signal processors (DSP) (32,30,28), the memory interface controller and bus controller (24).

DETAILED DESCRIPTION - A low performance DSP (28), a medium performance DSP (30) and a high performance DSP (32) are provided that are programmed to implement relatively low intensity, medium intensity and high intensity processing functions. Each DSP has a bus control for address and data communication. A serial and parallel bus controller (24) provides external connection to a host. A data router controller is connected to bus control of each DSP and to serial and parallel bus controller.

USE - In advanced processing system for television set top box such as cable converter box, and also for standalone Internet PCS, logic ASICs in PC, personal home video **conferencing** phones, **cellular** phone base stations, VCR control and editing and video game systems.

ADVANTAGE - The combination of three distinctly different DSPs is a power combination, allowing many levels of processing to occur simultaneously at speeds and power levels appropriate for applications being processed.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of parallel processing building block chip.

External RAM (12)

Bus controller (24)

Low, medium and high performance DSPs (28,30,32)

pp; 12 DwgNo 1/5

Title Terms: PARALLEL; PROCESS; BUILD; BLOCK; CHIP; PROCESS; SYSTEM; TELEVISION; SET; TOP; BOX

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

15/5/3 (Item 3 from file: 351)

DIALOG(R)File 351:DERWENT WPI

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012210557 \*\*Image available\*\*

WPI Acc No: 99-016663/199902

XRPX Acc No: N99-013426

**Echo canceller in wireless conferencing system - includes subtracting circuit which suppresses echo from signal in audio frequency region, obtained from band dividing network**

Patent Assignee: FUJITSU LTD (FUIT )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 10285686	A	19981023	JP 9792443	A	19970410	H04R-003/02	199902 B

Priority Applications (No Type Date): JP 9792443 A 19970410

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
JP 10285686	A		9			

Abstract (Basic): JP 10285686 A

The canceller has a reproducing circuit (13) which reproduces a frequency component in the audio frequency region of an input signal to

a speaker in the ultrasonic frequency region. A dividing circuit (18) performs band division of the input signal obtained from a microphone at each frequency component in the audio frequency and ultrasonic frequency regions. The frequency component in the ultrasonic frequency region is fed to the audio frequency region.

A correcting circuit (24) performs amplitude correction required for echo in the audio frequency region, in order to perform matching in this region. A subtracting circuit (20) subtracts the echo from the signal in the audio frequency region, obtained from the band dividing network.

ADVANTAGE - Reduces conveyance time. Reduces echo without using FIR filter, even during double-talk.

Dwg.1/20

Title Terms: ECHO; CANCEL; WIRELESS; SYSTEM; SUBTRACT; CIRCUIT; SUPPRESS;

ECHO; SIGNAL; AUDIO; FREQUENCY; REGION; OBTAIN; BAND; DIVIDE; NETWORK

Derwent Class: V06; W01; W02

International Patent Class (Main): H04R-003/02

International Patent Class (Additional): H04B-003/23; H04M-001/60

File Segment: EPI

15/5/4 (Item 4 from file: 351)

DIALOG(R)File 351:DERWENT WPI

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011553248 \*\*Image available\*\*

WPI Acc No: 97-529729/199749

XRPX Acc No: N97-441267

**Multi-media communication system for interfacing cellular network - has selection processor that selects multi-media cell for hand-over based on measurement data, candidate cell capability and multi-media requirement information**

Patent Assignee: MOTOROLA LTD (MOTI )

Inventor: GIBBS J A; ROBINSON W N; WHINNETT N W; BOSCOVIC D; ROBINSON W;

VAN DEN HEUVEL A P

Number of Countries: 075 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
GB 2313258	A	19971119	GB 9610398	A	19960517	H04Q-007/38	199749 B
WO 9744922	A2	19971127	WO 97EP2487	A	19970515	H04J-000/00	199802
WO 9744922	A3	19971224	WO 97EP2487	A	19970515	H04Q-007/38	199817
AU 9729554	A	19971209	AU 9729554	A	19970515	H04J-003/00	199824

Priority Applications (No Type Date): GB 9610398 A 19960517

Cited Patents: 3.Jnl.Ref; WO 9501706; WO 9535002

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
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GB 2313258	A		22			
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WO 9744922	A2 E		26			
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9729554	A			Based on		WO 9744922
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Abstract (Basic): GB 2313258 A

The system includes a number of stations for communicating multimedia information, while an interface network is connected to at least one multimedia cell. A switching network switches communications information between a number of cellular communications systems. A control channel processor (401) is used for exchanging identity, measurement data (405), and capability and resource availability information (407) concerning the at least one candidate cell between at least one of the multimedia stations and the multimedia communications system.

A service requirements and priorities memory supplies media

requirement information (403) about the media currently in use during a multimedia call and for supplying intonation on the relative priority between media. A radio resource management processor supplies information concerned the service capability and resource availability of the at least one candidate cell. A selection processor (427) selects a multimedia cell for hand-over based on measurement data, the candidate cell capability information, and the multimedia requirement information.

USE/ADVANTAGE - For controlling cell hand-over in **cellular** multimedia **conferencing** network. Allows selection the best cell for multimedia cell hand-over as well as scheduling hand-over of multiple media during conferencing call.

Dwg.6/7

Title Terms: MULTI; MEDIUM; COMMUNICATE; SYSTEM; INTERFACE; CELLULAR; NETWORK; SELECT; PROCESSOR; SELECT; MULTI; MEDIUM; CELL; HAND; BASED; MEASURE; DATA; CANDIDATE; CELL; CAPABLE; MULTI; MEDIUM; REQUIRE; INFORMATION

Derwent Class: T01; W01; W02; W04

International Patent Class (Main): H04J-000/00; H04J-003/00; H04Q-007/38

International Patent Class (Additional): H04M-003/56; H04N-007/15; H04Q-007/22

File Segment: EPI

15/5/5 (Item 5 from file: 351)

DIALOG(R) File 351:DERWENT WPI

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011526938 \*\*Image available\*\*

WPI Acc No: 97-503424/199746

XRPX Acc No: N97-419588

**Message transmission over network, for e.g. cash purchases - transmits message bearing sender digital signature, being function of message, public and sender secret generators, and sender's private key**

Patent Assignee: HEWLETT-PACKARD CO (HEWP )

Inventor: MAO W

Number of Countries: 020 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
WO 9737461	A1	19971009	WO 97GB897	A	19970327	H04L-009/32	199746 B
EP 891663	A1	19990120	EP 97914487	A	19970327	H04L-009/32	199908
			WO 97GB897	A	19970327		

Priority Applications (No Type Date): EP 96302319 A 19960401

Cited Patents: EP 384475; US 4995082; WO 9523465

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
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WO 9737461	A1	E	31			
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Designated States (National): JP US

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

EP 891663	A1	E	Based on	WO 9737461
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Designated States (Regional): CH DE FI FR GB LI NL SE

Abstract (Basic): WO 9737461 A

The inventive method signs a message (coin) into a digital signature of the sender, the signature being generated using public and sender secret generators, a sender private key, and other publicly known values. The message is then transmitted over e.g. in Internet, to the receiver.

The message to be signed incorporates a first predetermined function [f(x)] of the sender's public signature generator (48). Thus a receiver may verify the incorporation of such a proper first value. If the same message is signed/transmitted more than once, the sender's private key may be derived, from the plural signed messages using a relationship between the public/private signature generators.

USE/ADVANTAGE - Affordable, low-cost, **off -line** , micro-cash transmission system for purchasing information over Internet, with

purchaser anonymity, not involving on-line Bank for payment, without using tamper-resistant devices, or purchaser/merchant **interactive communication** , and preferable to sending personal credit-card number (even encrypted) over network.

Dwg.4/6

Title Terms: MESSAGE; TRANSMISSION; NETWORK; CASH; PURCHASE; TRANSMIT; MESSAGE; BEARING; SEND; DIGITAL; SIGNATURE; FUNCTION; MESSAGE; PUBLIC; SEND; SECRET; GENERATOR; SEND; PRIVATE; KEY

Derwent Class: T01; T05; W01

International Patent Class (Main): H04L-009/32

File Segment: EPI

**15/5/6 (Item 6 from file: 351)**

DIALOG(R)File 351:DERWENT WPI

(c) 1999 DERWENT INFO LTD. All rts. reserv.

011523809 \*\*Image available\*\*

WPI Acc No: 97-500295/199746

XRPX Acc No: N97-416989

**Push switch knob structure for electronic devices e.g. pager, portable telephone - includes spring member through which main body is connected to attachment body and which energises main body towards projection direction**

Patent Assignee: KOKUSAI DENKI KK (KOKZ )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 9237549	A	19970909	JP 9669362	A	19960229	H01H-021/00	199746 B

Priority Applications (No Type Date): JP 9669362 A 19960229

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
JP 9237549	A		3			

Abstract (Basic): JP 9237549 A

The structure has a main body (11) connected to an attachment body (7) via a spring member (13).

The spring member energises the main body towards the projection direction.

ADVANTAGE - Avoids unwanted **chatter** by oscillation of vibrator for calling or warning.

Dwg.1/4

Title Terms: PUSH; SWITCH; KNOB; STRUCTURE; ELECTRONIC; DEVICE; **PAGE** ; PORTABLE; TELEPHONE; SPRING; MEMBER; THROUGH; MAIN; BODY; CONNECT; ATTACH ; BODY; ENERGISE; MAIN; BODY; PROJECT; DIRECTION

Derwent Class: V03; W01; W05

International Patent Class (Main): H01H-021/00

International Patent Class (Additional): H01H-003/12

File Segment: EPI

**15/5/7 (Item 7 from file: 351)**

DIALOG(R)File 351:DERWENT WPI

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011311675 \*\*Image available\*\*

WPI Acc No: 97-289580/199726

XRPX Acc No: N97-239797

**Digitally implemented RF transmission system for one-way or two-way multichannel data distribution - employs sectorised broadcasting and reduces effective bandwidth by multiplexing available channels into set of formatted independent digital bitstreams**

Patent Assignee: WYTEC INC (WYTE-N)

Inventor: OATMAN W D; SHOENDUVE J H; SIMONS B S; STOCKTON G W; SHOENDUVE J H

Number of Countries: 024 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
WO 9718674	A1	19970522	WO 96US18804	A	19961112	H04N-007/08	199726 B
EP 861559	A1	19980902	EP 96939743	A	19961112	H04N-007/08	199839
			WO 96US18804	A	19961112		
US 5875396	A	19990223	US 95556333	A	19951113	H04N-007/173	199915
CN 1202295	A	19981216	CN 96198287	A	19961112	H04N-007/08	199918

Priority Applications (No Type Date): US 95556333 A 19951113

Cited Patents: US 4567602; US 4747160; US 4750036; US 4788675; US 5260673;  
US 5406558; US 5592490

#### Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
WO 9718674	A1	E	56			
Designated States (National): BR CA CN JP KR						
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE						
EP 861559	A1	E		Based on	WO 9718674	
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE						

Abstract (Basic): WO 9718674 A

The wireless transmission system has generates several independent modulated signals from several channels. Each modulated signals includes encoded channel information representing a portion of the channels. A number of antennae, each for sectorially transmitting the modulated signals, include a number of individual antenna sections. Each section transmits one of the independent modulated signals.

Preferably, each of independent modulated signal includes different encoded channel information representing the signal channels. At least two of the modulated signals include the same encoded channel information.

USE/ADVANTAGE - Video **conferencing** , video on demand, **wireless** cable TV, and other digital data transmission systems. Able to fit many more independent channels into authorised operating spectrum bandwidth.  
Dwg.2/13

Title Terms: DIGITAL; IMPLEMENT; RF; TRANSMISSION; SYSTEM; ONE; WAY; TWO; WAY; MULTICHANNEL; DATA; DISTRIBUTE; EMPLOY; BROADCAST; REDUCE; EFFECT; BANDWIDTH; MULTIPLEX; AVAILABLE; CHANNEL; SET; INDEPENDENT; DIGITAL

Derwent Class: W01; W02

International Patent Class (Main): H04N-007/08; H04N-007/173

International Patent Class (Additional): H04B-007/00; H04L-027/20

File Segment: EPI

15/5/8 (Item 8 from file: 351)

DIALOG(R)File 351:DERWENT WPI

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011309584 \*\*Image available\*\*

WPI Acc No: 97-287489/199726

XRPX Acc No: N97-238203

**Wireless communication system e.g. for conference - performs automatic setting of conference call during operation state of exchange appts by sending response signal from wireless terminal equipment to empty port of conference calling device**

Patent Assignee: FUJI TELEVISION KK (FUJI-N); HITACHI TELECOM TECHNOLOGY CO (HISY ); MATSUDA TSUSHO KK (MATS-N)

Number of Countries: 001 Number of Patents: 001

#### Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 9107587	A	19970422	JP 95289204	A	19951012	H04Q-007/38	199726 B

Priority Applications (No Type Date): JP 95289204 A 19951012

#### Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
JP 9107587	A		12			

Abstract (Basic): JP 9107587 A

The system comprises an exchange appts (1) which consists of a **conference calling** device (15). Several **wireless** terminal equipments (4) are connected to the exchange appts through wireless stations. A table stores the information relating to the connection state of the wireless terminal equipment, to the conference calling device, accommodated in the exchange appts. The detector detects the non-contact state of the wireless terminal equipment with the conference calling device from the table. A calling demand sending unit (10) sends out the calling demand continuously during the non-contact state of the conference calling device with all of the wireless stations.

In response to this calling demand, a response signal is received from any of the wireless terminal equipments and this signal is made to reach the empty port in the conference calling device, by signal connector. Thus, setting up of **conference calling** of **wireless** terminal equipment is performed automatically, when the exchange appts is in operation state.

ADVANTAGE - Performs automatic connection of conference telephone call state. Reduces work burden of calling person.

Dwg.1/19

Title Terms: WIRELESS; COMMUNICATE; SYSTEM; CONFER; PERFORMANCE; AUTOMATIC; SET; CONFER; CALL; OPERATE; STATE; EXCHANGE; APPARATUS; SEND; RESPOND; SIGNAL; WIRELESS; TERMINAL; EQUIPMENT; EMPTY; PORT; CONFER; CALL; DEVICE

Index Terms/Additional Words: TELEPHONE

Derwent Class: W01; W02

International Patent Class (Main): H04Q-007/38

International Patent Class (Additional): H04B-007/26; H04M-003/56

File Segment: EPI

15/5/9 (Item 9 from file: 351)

DIALOG(R)File 351:DERWENT WPI

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010968381 \*\*Image available\*\*

WPI Acc No: 96-465330/199646

XRPX Acc No: N96-391814

**User group assignment method in cellular communications network - involves tracking user group identities and issuing group paging message then waiting for first response to allocate channel**

Patent Assignee: ERICSSON INC (TELF )

Inventor: DIACHINA J

Number of Countries: 070 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
WO 9631992	A1	19961010	WO 96US3483	A	19960315	H04Q-007/38	199646 B
AU 9653636	A	19961023	AU 9653636	A	19960315	H04Q-007/38	199707
EP 819365	A1	19980121	EP 96910445	A	19960315	H04Q-007/38	199808
			WO 96US3483	A	19960315		
BR 9604779	A	19980707	BR 964779	A	19960315	H04Q-007/38	199834
			WO 96US3483	A	19960315		
US 5835860	A	19981110	US 95416344	A	19950404	H04Q-007/38	199901
			US 97819961	A	19970318		
MX 9707477	A1	19971101	MX 977477	A	19970930	H04Q-007/38	199902
JP 11503289	W	19990323	JP 96530305	A	19960315	H04Q-007/38	199922
			WO 96US3483	A	19960315		
AU 705830	B	19990603	AU 9653636	A	19960315	H04Q-007/38	199933

Priority Applications (No Type Date): US 95416344 A 19950404; US 97819961 A 19970318

Cited Patents: WO 9417644

Patent Details:

Patent Kind Lan Pg Filing Notes Application Patent

WO 9631992 A1 E 24

Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN



Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE  
 LS LU MC MW NL OA PT SD SE SZ UG  
 AU 9653636 A Based on WO 9631992  
 EP 819365 A1 E Based on WO 9631992  
 Designated States (Regional): DE FI FR GB IT SE  
 BR 9604779 A Based on WO 9631992  
 US 5835860 A Cont of US 95416344  
 JP 11503289 W 23 Based on WO 9631992  
 AU 705830 B Previous Publ. AU 9653636  
 Based on WO 9631992

Abstract (Basic): WO 9631992 A

The **cellular** telephone communications system can allocate a number of users to be within a user group. The group is allocated a user identity in addition to their individual identities. As mobiles cross boundaries they are tracked (S100,S110) by both individual and group identities. When a call is raised directed at a group identity (S120), each mobile service centre (MSC) tracking a member of the group, issues a **paging** call (S150).

Timers (S150,S190) limit the response period and either a channel is allocated (S160-S180) to the first responding mobile, or the group message is terminated (S200). Unexpected mobile responses (S210) cause a termination command to be sent (S220). Each **page** response message contains the identity of the responding mobile station identity and the associated UGID.

ADVANTAGE - Allows telephone call to be placed to anyone within defined user group and can allow for **conference calls**.

Dwg.5/6

Title Terms: USER; GROUP; ASSIGN; METHOD; **CELLULAR** ; COMMUNICATE; NETWORK;  
 TRACK; USER; GROUP; IDENTIFY; ISSUE; GROUP; **PAGE** ; MESSAGE; WAIT; FIRST;  
 RESPOND; ALLOCATE; CHANNEL

Derwent Class: W01

International Patent Class (Main): H04Q-007/38

International Patent Class (Additional): H04Q-007/28

File Segment: EPI

15/5/10 (Item 10 from file: 351)

DIALOG(R)File 351:DERWENT WPI

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010254184 \*\*Image available\*\*

WPI Acc No: 95-155439/199520

XRPX Acc No: N95-122396

**Multi-stream encryption system for secure communications - processes parallel streams of very large data blocks, using encryption array dynamics which vary pseudo-randomly with space and time**

Patent Assignee: ARITHMETICA INC (ARIT-N)

Inventor: ANSHEL M M; GERTNER I C; GOLDFELD D; KLEBANSKY B A

Number of Countries: 021 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat	No	Kind	Date	Main IPC	Week
WO 9510148	A1	19950413	WO 94US11199	A	19941004	H04L-009/22	199520	B
AU 9479268	A	19950501	AU 9479268	A	19941004	H04L-009/22	199532	
US 5440640	A	19950808	US 93131542	A	19931005	H04L-009/22	199537	
EP 722642	A1	19960724	EP 94930010	A	19941004	H04L-009/22	199634	
			WO 94US11199	A	19941004			
AU 674461	B	19961219	AU 9479268	A	19941004	H04L-009/22	199708	
JP 9505901	W	19970610	WO 94US11199	A	19941004	G09C-001/00	199733	
			JP 95510961	A	19941004			

Priority Applications (No Type Date): US 93131542 A 19931005

Cited Patents: US 4202051; US 4747139; US 5257282; US 5267316; US 5327365

Patent Details:

Patent	Kind	Lan	Pg	Filing	Notes	Application	Patent
WO 9510148	A1		35				

Designated States (National): AU CA JP

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL

PT SE  
AU 9479268 A Based on WO 9510148  
US 5440640 A 13  
EP 722642 A1 E 35 Based on WO 9510148  
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
NL PT SE  
AU 674461 B Previous Publ. AU 9479268  
Based on WO 9510148  
JP 9505901 W 33 Based on WO 9510148

Abstract (Basic): WO 9510148 A

The system provides programmable, multi-stream encryption with dynamic security. An efficient surveillance process transfers very large blocks of data, subject to real-time constraints. The user specifies a finite state machine (21), which encrypts parallel streams of data in real time, using an arithmetic-algebraic pseudo-random array generator (41). The enciphering method processes incoming data as elements from an algebraic finite **ring** alphabet. Encryption is carried out by adding a pseudo-random vector sequence (21), generated iteratively from a single seed key (20). Reversal of the process enables deciphering to retrieve the original data.

USE/ADVANTAGE - For high performance computer/communication systems using fiberoptic transmission, e.g. electronic mail, **cellular** telephony, image archiving, etc., encrypting very large or endless data streams, using pseudo-random array generation, with surveillance instantaneously detecting unauthorised decryption.

Dwg.5/5

Title Terms: MULTI; STREAM; ENCRYPTION; SYSTEM; SECURE; COMMUNICATE;  
PROCESS; PARALLEL; STREAM; DATA; BLOCK; ENCRYPTION; ARRAY; DYNAMIC; VARY;  
PSEUDO; RANDOM; SPACE; TIME  
Derwent Class: P85; T01; W01  
International Patent Class (Main): G09C-001/00; H04L-009/22  
International Patent Class (Additional): H04L-009/14; H04L-009/20  
File Segment: EPI; EngPI

15/5/11 (Item 11 from file: 351)

DIALOG(R)File 351:DERWENT WPI  
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010065819 \*\*Image available\*\*  
WPI Acc No: 94-333531/199441  
XRPX Acc No: N94-261717

Conference call **method for cellular radio telephone system -  
transmits data to subscriber station participating in conference call to  
enable subscriber to engage in another on-going conference call**

Patent Assignee: NOKIA TELECOM OY (OYNO )

Inventor: LEHMUSTO M

Number of Countries: 023 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
WO 9423525	A1	19941013	WO 94FI120	A	19940330	H04M-003/56	199441 B
FI 92787	B	19940915	FI 931435	A	19930330	H04Q-007/04	199441
AU 9464299	A	19941024	AU 9464299	A	19940330	H04M-003/56	199505
EP 692170	A1	19960117	EP 94911960	A	19940330	H04M-003/56	199608
			WO 94FI120	A	19940330		
JP 8508373	W	19960903	JP 94521711	A	19940330	H04M-003/56	199704
			WO 94FI120	A	19940330		
CN 1120380	A	19960410	CN 94191675	A	19940330	H04M-003/56	199744
AU 682502	B	19971009	AU 9464299	A	19940330	H04M-003/56	199749
US 5809018	A	19980915	WO 94FI120	A	19940330	H04Q-007/00	199844
			US 96525781	A	19960103		

Priority Applications (No Type Date): FI 931435 A 19930330

Cited Patents: 01Jnl.Ref; JP 60032441; US 5117501; WO 9305622

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
WO 9423525	A1	E	37			

Designated States (National): AU CN GB JP NO US  
 Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL  
 PT SE

FI 92787	B	Previous Publ.	FI 9301435
AU 9464299	A	Based on	WO 9423525
EP 692170	A1 E 37	Based on	WO 9423525

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE

JP 8508373	W	34 Based on	WO 9423525
AU 682502	B	Previous Publ.	AU 9464299
		Based on	WO 9423525
US 5809018	A	Based on	WO 9423525

Abstract (Basic): WO 9423525 A

The conference call method uses a subscriber station in a cellular radio system, having several base stations, which participates in a first conference call. During the conference call, data is transmitted, pref. via. an in-band signalling channel, to the subscriber station to enable it to engage in another ongoing conference call.

The subscriber station can continue to participate in the first conference call or select another from among those whose data have been transmitted to it. Pref. the transmitted data contains the call priority and the subscriber station moves to the conference call having the highest priority.

USE/ADVANTAGE - **Cellular** telephone **conference call** system. Enables mobile subscribers to choose conference call in which they participate.

Dwg.7/12

Title Terms: CONFER; CALL; METHOD; CELLULAR; RADIO; TELEPHONE; SYSTEM; TRANSMIT; DATA; SUBSCRIBER; STATION; PARTICIPATING; CONFER; CALL; ENABLE; SUBSCRIBER; ENGAGE; CONFER; CALL

Derwent Class: W01

International Patent Class (Main): H04M-003/56; H04Q-007/00; H04Q-007/04

International Patent Class (Additional): G08B-005/22; H04M-003/42;

H04Q-007/38

File Segment: EPI

15/5/12 (Item 12 from file: 351)

DIALOG(R)File 351:DERWENT WPI

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008467853 \*\*Image available\*\*

WPI Acc No: 90-354853/199047

XRPX Acc No: N90-270959

**Cordless pen telephone handset - includes fully functional writing pen enclosing miniature microphone and earpiece speaker, communicating with pocket-sized dialler**

Patent Assignee: IINV COMPUTING LTD (IINV-N)

Inventor: SCHNEIDER R; WATTERSON M R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
US 4969180	A	19901106	US 89353707	A	19890518		199047 B

Priority Applications (No Type Date): US 89353707 A 19890518

Abstract (Basic): US 4969180 A

The handset includes a writing pen having electronic circuitry including a miniature microphone and earpiece speaker. The microphone and earpiece communicate via an ultrasonic link to an ultrasonic transceiver provided in a portable, pocket-sized keypad telephone dialer, which provides a cordless RF link to a base station connected to a telephone network. The keypad dialer also may communicate on a **cellular** phoen network phone network using a transverter as an adaptor, alternatively direct person-to-person communication with DPRS handsets or other similarly equipped users is possible without the telephone network. A set of depressable control buttons on the pen body

enable fingertip control of the cordless telephone system, including an on-hook/off-hook switch control button and mute control button for private conversation screening during telephone calls.

Upon receiving incoming calls, the pen earpiece is activated with a **ringing** signal so that the user can answer the call by depression of the on-hook/off-hook control button. A pen-mounted pressure sensor is provided in contact with the pen cartridge, for provision of various telephone system control functions, such as call access and volume control. An alarm clock within the portable keypad dialer signals the user via the earpiece, so that an audible reminder of important time-related activities is conveniently provided. For conference use the keypad dialer loudspeaker is switched on or off by alternate depression and release of the control buttons.

USE/ADVANTAGE - Can be used as both a pen and a telephone handset for normal telephone conversation, voice mail, dictation and **conferencing**. High quality performance.

Dwg.1ABC/2

1

Title Terms: CORD; PEN; TELEPHONE; HANDSET; FUNCTION; WRITING; PEN; ENCLOSE  
; MINIATURE; MICROPHONE; EARPIECE; SPEAKER; COMMUNICATE; POCKET; SIZE;  
DIAL

Derwent Class: W01

International Patent Class (Additional): H04M-011/00

File Segment: EPI

**15/5/13 (Item 13 from file: 351)**

DIALOG(R)File 351:DERWENT WPI

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008375086 \*\*Image available\*\*

WPI Acc No: 90-262087/199035

Related WPI Acc No: 87-022132; 89-015819; 89-248807; 90-193187; 91-156313;

91-288262; 92-166724; 92-249710; 93-101209; 93-196544; 93-219856;

93-328378; 93-345300; 93-360034; 94-302501; 94-310818; 94-341304;

96-412383; 96-454726; 97-549253; 98-456559; 98-542125; 98-594326;

99-301542; 99-384913; 99-632663

XRPX Acc No: N90-203077

**Speech control system for communication device - has type of signal  
classified and applied to program controller to direct control, data or  
audio signals as needed**

Patent Assignee: KATZ TECHNOLOGY LICENSING LP R A (KATZ-N); FIRST DATA  
RESOURCES INC (FIRS-N)

Inventor: KATZ R A

Number of Countries: 006 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
DE 4005365	A	19900823	DE 3005365	A	19800221		199035 B
FR 2643526	A	19900824					199041
GB 2230403	A	19901017	GB 903765	A	19900220		199042
CA 2009937	A	19900821					199045
JP 2298158	A	19901210	JP 9040874	A	19900221		199104
US 5073929	A	19911217	US 89312792	A	19890221		199202
GB 2230403	B	19930707	GB 903765	A	19900220	H04M-003/42	199327
CA 2009937	C	19960611	CA 2009937	A	19900213	H04M-011/00	199635
FR 2733109	A1	19961018	FR 902131	A	19900221	H04M-009/00	199648
			FR 966295	A	19960521		

Priority Applications (No Type Date): US 89312792 A 19890221; US 85753299 A  
19850710; US 8718244 A 19870224; US 88194258 A 19880516

Patent Details:

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
DE 4005365	A		13			
US 5073929	A		11			
GB 2230403	B		1			
FR 2733109	A1		13	Div ex	FR 902131	

Abstract (Basic): DE 4005365 A

A transmission controller operates one of the terminals selectively to use the speech communicator and to operate a digital input. A status arrangement selectively identifies an incoming response from each chosen terminal as digital control signal, digital data signal or audio signal.

A controller uses a stored program to operate the transmission controller and the status arrangement in agreement with this program, and with the digital control signal to apply the response according to the status. The signals from terminals are stored and characterised according to status.

USE - Organising and receiving mail order data from callers.

Dwg.1/3

Title Terms: SPEECH; CONTROL; SYSTEM; COMMUNICATE; DEVICE; TYPE; SIGNAL; CLASSIFY; APPLY; PROGRAM; CONTROL; DIRECT; CONTROL; DATA; AUDIO; SIGNAL; NEED

Derwent Class: W01

International Patent Class (Main): H04M-003/42; H04M-009/00; H04M-011/00

International Patent Class (Additional): G06F-015/21; G08C-019/00;

H04M-001/64; H04M-011/06

File Segment: EPI

15/5/14 (Item 14 from file: 351)

DIALOG(R)File 351:DERWENT WPI

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007572602 \*\*Image available\*\*

WPI Acc No: 88-206534/198830

XRPX Acc No: N88-157475

**Rotary vane e.g. refrigerant compressor - has housing with oval contour in contact with outer ends of slide vanes in rotor**

Patent Assignee: DIESEL KIKI CO LTD (DIES )

Inventor: NAKAJIMA N

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat	No	Kind	Date	Main IPC	Week
DE 3800324	A	19880721	DE 3800324	A	19880108			198830 B
US 4802830	A	19890207	US 87139646	A	19871229			198908
DE 3800324	C	19921001	DE 3800324	A	19880108	F04C-018/344		199240

Priority Applications (No Type Date): JP 872883 A 19870109

Patent Details:

Patent	Kind	Lan	Pg	Filing	Notes	Application	Patent
DE 3800324	A		14				
US 4802830	A		13				
DE 3800324	C		11				

Abstract (Basic): DE 3800324 A

The rotary vane compressor comprises an oval housing chamber with inner surface (5a) in contact with the outer ends of slide vanes in slots of a rotor (8). The contour of this surface consists of a circular (Ro) first portion (A) in contact with the rotor perimeter and an increasing-radius second portion (B), in which the vane projection (X) progressively increases. A constant-radius third portion (C) has the vane projection (H) constant.

A reducing-radius fourth portion (D) has the vane projection progressively reduced, whilst a further circular (Ro) fifth portion (E) is in contact with the rotor perimeter. The arrangement is such that, at the transition (A-B), the outward acceleration of the vanes is low. This contour applies to 180 deg. rotor rotation, the second 180 deg. being identical.

USE/ADVANTAGE - E.g. refrigerant compressor for motor vehicle air conditioning unit. The arrangement prevents detaching of the rotor vanes from the surface, which causes vane **chatter** leading to rotor torque fluctuations.

4/7

Title Terms: ROTATING; VANE; REFRIGERATE; COMPRESSOR; HOUSING; OVAL; CONTOUR; CONTACT; OUTER; END; SLIDE; VANE; ROTOR

Derwent Class: Q56

International Patent Class (Main): F04C-018/344  
International Patent Class (Additional): F04C-002/344; F04C-018/34  
File Segment: EngPI

15/5/15 (Item 15 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04554706 \*\*Image available\*\*  
OFF LINE ROLL GRINDER

PUB. NO.: 06-226606 [JP 6226606 A]  
PUBLISHED: August 16, 1994 (19940816)  
INVENTOR(s): MORI SHIGERU  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 05-013970 [JP 9313970]  
FILED: January 29, 1993 (19930129)  
INTL CLASS: [5] B24B-005/37; B24B-047/20; B24B-049/16; B24D-007/00  
JAPIO CLASS: 25.2 (MACHINE TOOLS -- Cutting & Grinding)  
JOURNAL: Section: M, Section No. 1704, Vol. 18, No. 598, Pg. 94,  
November 15, 1994 (19941115)

#### ABSTRACT

PURPOSE: To grind a hard roll with high efficiency and in a long-time stable manner without causing **chattering** marks and scratches by using a grinding stone formed of CBN grinding grains or diamond grinding grains.

CONSTITUTION: In a roll grinder which consists of a grinding stone table 1, a tail stock 4 and a spindle base 3, a rotary disk 11b to support the grinding grain portion 11a, formed of CBN grinding grains or diamond grinding grains, of a rotary grinding stone 11 mounted on the grinding stone table 1 is given flexibility as in a flexible cantilever beam to absorb a change in contact line pressure between a roll 2 and the rotary grinding stone 11. The flexibility of the rotary disk 11b is measured and the position of a grinding stone feed motor 19 to the grinding stone table 1 is controlled

15/5/16 (Item 16 from file: 347)  
DIALOG(R) File 347:JAPIO  
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02645881  
PORTABLE MEDIUM

PUB. NO.: 63-262781 [JP 63262781 A]  
PUBLISHED: October 31, 1988 (19881031)  
INVENTOR(s): NARA KIYOYOSHI  
YAMAUCHI TOMOKO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 62-096866 [JP 8796866]  
FILED: April 20, 1987 (19870420)  
INTL CLASS: [4] G06K-019/00; B42D-015/02  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 29.4  
(PRECISION INSTRUMENTS -- Business Machines); 30.9  
(MISCELLANEOUS GOODS -- Other)  
JAPIO KEYWORD: R002 (LASERS); R131 (INFORMATION PROCESSING -- Microcomputers  
& Microprocessors)  
JOURNAL: Section: P, Section No. 832, Vol. 13, No. 80, Pg. 102,  
February 23, 1989 (19890223)

#### ABSTRACT

PURPOSE: To prevent the destruction of storage data by prohibiting an **off** - **line** function at the time of detecting successively the start of an abnormal routine.

CONSTITUTION: An IC card delivers and receives data to a terminal equipment in an on-line mode used by connecting to the terminal equipment and executes an **off - line** function such as an electronic portable calculator, a clock display at the time of using individually. The switching of the one-line or the **off -line** is executed by deciding whether a power from the terminal equipment side is supplied or not. When the power is **chattered** due to a noise or a mischief, the switching is frequently generated to erroneously operate a program and destroy the storage data. In order to prevent this, when the off of the power is detected immediately after the on of the power is detected, an error count is executed, when the error count exceeds three, an **off -line** operation prohibit flag is erected to prohibit the **off line** function.

15/5/17 (Item 17 from file: 347)

DIALOG(R) File 347:JAPIO

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00964019 \*\*Image available\*\*  
SAWING MACHINE

PUB. NO.: 57-114319 [JP 57114319 A]  
PUBLISHED: July 16, 1982 (19820716)  
INVENTOR(s): KAMIYO MICHIO  
MURAKAMI YUTAKA  
KONDO SUSUMU  
APPLICANT(s): SUMITOMO HEAVY IND LTD [000210] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 56-189156 [JP 81189156]  
FILED: November 27, 1981 (19811127)  
INTL CLASS: [3] B23D-047/04  
JAPIO CLASS: 25.2 (MACHINE TOOLS -- Cutting & Grinding)  
JAPIO KEYWORD: R031 (METALS -- Powder Metallurgy)  
JOURNAL: Section: M, Section No. 165, Vol. 06, No. 207, Pg. 121,  
October 19, 1982 (19821019)

#### ABSTRACT

PURPOSE: To prevent a **chattering** phenomenon and improve the operation efficiency of a sawing machine for cutting off a long pipe or the like, by providing two rotary clamps at both the sides of the cutting-off **line** of the machine, directly coupling the clamps to each other and synchronously driving them.

CONSTITUTION: A pipe 34 to be cut off is conveyed in so that it is located on an auxiliary rotary clamp 10 and a main rotary clamp 12. After the pipe 34 is adjusted for a cut-off length, hydraulic cylinders 28, 29 provided in the clamps 10, 12 are operated to clamp the pipe. After that, saws 15 driven by a motor 16 are operated by a cutting-in means 18 so that the saws cut into the pipe 34 in three directions different by 120 deg. from each other. When the saws 15 have cut through the wall of the pipe 34, the pipe is rotated by a transmission means 23 so that the pipe is completely cut off. At that time, the pipe 34 is supported at both its ends on conveyor rollers and held by the clamps 10, 12 at both the sides of the saws 15 and synchronously rotated through direct connection. For that reason, the pipe 34 is cut off without causing a **chattering** phenomenon.

Set	Items	Description
S1	24301	WIRELESS? OR CELLULAR? OR CAR()PONE? OR PAGER? OR OFF()LIN- E? OR OFFFLINE?
S2	5006	INTERACTIVE()COMMUNICATION? OR CHAT? OR ICQ OR INSTANT()ME- SSAGE? OR IRC OR CONFERENCING OR CONFERENCE()CALL?
S3	169124	ALERT? OR PAGE OR PAGED OR PAGING OR RING? OR NOTIF?
S4	497491	COMBINE? OR LINK? OR JOIN? OR CONNECT? OR BEGIN? OR LAUNCH?
S5	9	S1 (S) S2 (S) S3 (S) S4
S6	13	S1(3N)S2
S7	37830	DISCONNECT? OR UNCONNECT? OR ("NOT" OR OFF OR UN)() (CONNEC- T? OR LINE?) OR OFFLINE?
S8	125	S1 AND S2 AND S3 AND S4 AND S7
S9	134	S5 OR S6 OR S8
S10	36	S1(10N)S2
S11	15	S8 AND S10
S12	26	S11 OR S5 OR S6
S13	16	S12 NOT AD>971114

File 348:EUROPEAN PATENTS 1978-1999/DEC W52  
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13/5/1

DIALOG(R)File 348:EUROPEAN PATENTS

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00944224

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Cellular **extension service**

**Zellulare Dienstleistungserweiterung**

**Extension du service cellulaire**

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,  
(US), (applicant designated states:

AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Alfred, Joseph Anderson, 7 Flower Road, Somerset, New Jersey 08873, (US)

LEGAL REPRESENTATIVE:

Pearce, Anthony Richmond (34743), Marks & Clerk, 4220 Nash Court, Oxford  
Business Park South, Oxford, OX4 2RU, (GB)

PATENT (CC, No, Kind, Date): EP 858233 A2 980812 (Basic)

APPLICATION (CC, No, Date): EP 97307603 970926;

PRIORITY (CC, No, Date): US 777366 961227

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: H04Q-007/22; H04Q-007/38; H04Q-007/32;

ABSTRACT EP 858233 A2

Multiple **cellular** telephones, each having a unique ESN, share the  
same **cellular** telephone number (MIN). Data records at the mobile  
switching center (MSC) are modified to reflect the parent and extension  
**cellular** telephones configuration. Incoming calls are delivered to all  
telephones sharing a MIN simultaneously, sequentially, or in accordance  
with a caller's selection. An extension **wireless** telephone may  
interrupt a call in progress of another extension **wireless** telephone.  
**Cellular** telephones sharing a MIN may call each other using intercom  
extension numbers.

ABSTRACT WORD COUNT: 82

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 980812 A2 Published application (Alwith Search Report  
;A2without Search Report)

Change: 981021 A2 Representative (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9833	760
SPEC A	(English)	9833	3880
Total word count - document A			4640
Total word count - document B			0
Total word count - documents A + B			4640

13/5/2

DIALOG(R)File 348:EUROPEAN PATENTS

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00929137

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**Multimedia conferencing using parallel networks**

**Multimediakonferenz uber parallele Netzwerke**

**Conference multimedia utilisant des reseaux paralleles**

PATENT ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY  
10504, (US), (Applicant designated States: all)

INVENTOR:

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Willner, Barry Edward, 365 Pine Road, Briarcliff Manor, New York 10510,  
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LEGAL REPRESENTATIVE:

Zerbi, Guido Maria (77893), Intellectual Property Department, IBM United  
Kingdom Ltd., Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 847178 A2 980610 (Basic)

EP 847178 A3 991215

APPLICATION (CC, No, Date): EP 97308850 971104;

PRIORITY (CC, No, Date): US 761249 961206

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04M-003/56; H04L-012/18

ABSTRACT EP 847178 A2

A conference server system, for internal use in the public switched telephone network (PSTN), links to public data communication networks (e.g. the Internet) for distributing computer displayable data between participants in voice telephone conferences. The server system includes a computer sub-system for storing data generated by the participants and distributing the data in coordination with voice presentations of respective participants. Data so stored and distributed includes computer-displayable data. Other data handled by the computer subsystem represents commands and functional requests issued by participants which pertain to the handling of computer-displayable data and voice parameters of the conference. conference participants, having separate and concurrent access to both the PSTN and the data network, receive and view computer-displayable data prepared by one of the participants in coordination with the respective voice conference. The conference server system connects to voice conference management resources of the PSTN in a manner enabling the server system to control voice parameters of a voice conference in response to data requests received from participants (e.g. requests from hearing-impaired participants for enhanced audio service), as well as enabling the conference management resources to control functions performed in respect to distribution of displayable data in response to spoken requests uttered by the participants, when the telephone system contains appropriate speech recognition equipment.

ABSTRACT WORD COUNT: 213

NOTE:

Figure number on first page: 3

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 980610 A2 Published application (Alwith Search Report  
;A2without Search Report)

Search Report: 991215 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9824	1305
SPEC A	(English)	9824	7976
Total word count - document A			9281
Total word count - document B			0
Total word count - documents A + B			9281

13/5/3

DIALOG(R)File 348:EUROPEAN PATENTS

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00918088

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**Data retrieval system and method**

**Verfahren und System zum Wiederauffinden von Daten**

**Methode et systeme de recouvrement de donnees**

PATENT ASSIGNEE:

SYMBOL TECHNOLOGIES, INC., (417665), One Symbol Plaza, Holtsville, New  
York 11742-1300, (US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;NL)

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Mulla, Altaf, 2073 Washington Street, merrick, New York 11566, (US)  
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Barkan, Edward, 3 Enchanted Woods Court, Miller Place, New York 11764,  
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Sheppard, Howard, 18 Provost Avenue, Great River, New York 11739, (US)  
Jwo, Chin-Hung, 10 Vineyard Way, Mount Sinai, New York, (US)

LEGAL REPRESENTATIVE:

Roberts, Gwilym Vaughan et al (78342), KILBURN & STRODE, 20 Red Lion  
Street, London WC1R 4PJ, (GB)

PATENT (CC, No, Kind, Date): EP 837406 A2 980422 (Basic)  
EP 837406 A3 980429

APPLICATION (CC, No, Date): EP 97305808 970801;

PRIORITY (CC, No, Date): US 691263 960802; US 794782 970203; US 827263  
970328

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; NL

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT EP 837406 A3

Various problems arise in accessing the Internet. For example, Internet  
files have complex file addresses which are prone to incorrect entry by a  
user, giving rise to access of unwanted files. In one aspect the  
invention solves this problem by encoding the file address in a bar code  
symbol, decoding the bar code symbol and accessing the relevant file  
automatically.

ABSTRACT WORD COUNT: 49950

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 980422 A2 Published application (A1with Search Report  
;A2without Search Report)  
Search Report: 980429 A3 Separate publication of the European or  
International search report  
Change: 980729 A2 Inventor (change)  
Examination: 980902 A2 Date of filing of request for examination:  
980707  
Change: 990113 A2 Designated Contracting States (change)  
Examination: 990428 A2 Date of despatch of first examination report:  
990316

LANGUAGE (Publication,Procedural,Application): English; English; English

13/5/4

DIALOG(R) File 348:EUROPEAN PATENTS

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00910650

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**Programmable radio subscription system for receiving selectively defined  
information**

**Programmierbares Abonnementrundfunksystem fur den Empfang von selektiv  
ausgewählten Informationen**

**Systeme programmable de radiodiffusion sur base d'abonnement pour la  
reception d'informations selectionnees**

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,  
(US), (applicant designated states:

AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

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Silverman, David Phillip, 4 Lowe Road, Sommerville, New Jersey 08876,  
(US)  
Goldman, Shelley, 9 Surrey Lane, East Brunswick, New Jersey 08816, (US)  
Sturm, Walter, P.O. Box 46, New York, New York 10013, (US)

LEGAL REPRESENTATIVE:

Suckling, Andrew Michael (77592), Marks & Clerk, Nash Court, Oxford  
Business Park South, Oxford OX4 2RU, (GB)

PATENT (CC, No, Kind, Date): EP 831608 A2 980325 (Basic)  
EP 831608 A3 990203

APPLICATION (CC, No, Date): EP 97306100 970811;

PRIORITY (CC, No, Date): US 715971 960918

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04H-001/00; H04N-007/173; H04N-007/16;

ABSTRACT EP 831608 A2

The radio subscription system of the present invention enables a subscriber to remotely define and identify one or more playlists, each specifying information content selected by the subscriber from a subscription content database, for later transmission to the subscriber's radio. The radio subscription system also permits the subscriber to use the local subscriber radio to remotely request transmission of a particular playlist to the subscriber's radio for storage and playback. The subscriber may then use the local subscriber radio to play back the particular playlist.

ABSTRACT WORD COUNT: 86

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 980325 A2 Published application (A1with Search Report  
;A2without Search Report)

Change: 981223 A2 Representative (change)

Search Report: 990203 A3 Separate publication of the European or  
International search report

Examination: 990623 A2 Date of filing of request for examination:  
990426

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9813	530
SPEC A	(English)	9813	3690
Total word count - document A			4220
Total word count - document B			0
Total word count - documents A + B			4220

13/5/5

DIALOG(R)File 348:EUROPEAN PATENTS

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00897138

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**Detection and prevention of channel grabbing in a wireless communications system**

**Erkennung und Verhinderung von Kanalzugriff in einem schnurlosen Übertragungssystem**

**Detection et prevention de la prehension de canaux dans un systeme de communication sans fil**

PATENT ASSIGNEE:

Cellular Technical Services Company, Inc., (2253590), 2401 Fourth  
Avenue, Suite 808, Seattle, Washington 98121, (US), (applicant  
designated states: AT;DE;ES;FR;GB;IE;IT;NL

INVENTOR:

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(US)

Stanhope, David M., 6027 53rd Street Court West, Tacoma, Washington 98467  
, (US)

McKernan, Randy, 8950 Graton Road, Graton, California 95444, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)  
 , Maximilianstrasse 58, 80538 Munchen, (DE)  
PATENT (CC, No, Kind, Date): EP 820205 A2 980121 (Basic)  
 EP 820205 A3 980128  
APPLICATION (CC, No, Date): EP 96120515 961219;  
PRIORITY (CC, No, Date): US 680930 960716  
DESIGNATED STATES: AT; DE; ES; FR; GB; IE; IT; NL  
INTERNATIONAL PATENT CLASS: H04Q-007/38

ABSTRACT EP 820205 A3

A method and system for detecting a voice channel grab by a pirate in a **cellular** telephone network. Initially, RF signals transmitted to and from an authorized **cellular** telephone over the control and voice channels are monitored to track call processing activities and obtain various data that are used to detect potential voice channel grabbing attempts. The data may include such things as RSSI, change power output messages and responses, and hook-flash signal. From the data, the system looks for two events. A first event is an unexpected change or an absence of an expected change in the voice channel RF signal indicating that the pirate may be transmitting on the voice channel. The first event may be any one or more of the following: (1) a sudden upward shift in the voice channel RSSI; (2) an unexpected phase shift of either the RF signal or the SAT signal contained in the RF signal; and (3) an absence of an expected shift in the RSSI that corresponds to the change power level message from the network. The second event is receipt of a message indicative of a request to establish a new telephone **connection** such as a hook-flash message initiating a call conference. When the unexpected change in the RF signal and the message indicative of the request to establish the new telephone **connection** are detected, the system determines that the voice channel assigned to the authorized **cellular** telephone has been grabbed by the pirate. When the system determines that the channel grab has occurred, it prevents the pirate from establishing the new telephone **connection** by preventing receipt of dialed digits or terminating the **connection** on the voice channel.

ABSTRACT WORD COUNT: 280

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 980121 A2 Published application (A1with Search Report  
 ;A2without Search Report)  
Search Report: 980128 A3 Separate publication of the European or  
 International search report  
Change: 980128 A2 Obligatory supplementary classification  
 (change)  
Change: 981007 A2 Designated Contracting States (change)  
Withdrawal: 990414 A2 Date on which the European patent application  
 was deemed to be withdrawn: 980729

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9804	1105
SPEC A	(English)	9804	9000
Total word count - document A			10105
Total word count - document B			0
Total word count - documents A + B			10105

13/5/6

DIALOG(R)File 348:EUROPEAN PATENTS

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00857827

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**WATER ABSORBENT RESIN, ABSORBENT MATERIAL, AND PROCESS FOR THE PRODUCTION THEREOF**

**WASSERABSORBIERENDES HARZ, ABSORBIERENDES MATERIAL UND VERFAHREN ZUR HERSTELLUNG DERSELBEN**

**RESINE ABSORBANT L'EAU, MATIERE ABSORBANTE ET PROCEDE DE PRODUCTION**

PATENT ASSIGNEE:

NIPPON SHOKUBAI CO., LTD., (432288), 1-1, Koraibashi, 4-chome, Chuo-ku,  
Osaka-shi, Osaka-fu 541, (JP), (applicant designated states:  
DE;FR;GB;IT)

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ISHIZAKI, Kunihiro, A6-101, 2-7, Ayoamadai Suita-shi, Osaka 565, (JP)  
OBARA, Hisanobu, 661-9, Ohda, Ohdacho Ohda-shi, Shimane 694, (JP)  
KITAYAMA, Toshimasa D-505, Hamada-ryo, 931-11, Hamada Aboshi-ku  
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MOTONO, Yoshihiro A-410, Hamada-ryo, 931-11, Hamada Aboshi-ku Himeji-shi,  
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HARADA, Nobuyuki, 3-1007, 4-41, Yamada-higashi Suita-shi, Osaka 565, (JP)

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West, Alan Harry et al (37493), R.G.C. Jenkins & Co. 26 Caxton Street,  
London SW1H 0RJ, (GB)

PATENT (CC, No, Kind, Date): EP 802238 A1 971022 (Basic)  
WO 9716492 970509

APPLICATION (CC, No, Date): EP 96935509 961031; WO 96JP3191 961031

PRIORITY (CC, No, Date): JP 95286266 951102; JP 96270917 961014

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: C08L-101/14; A61F-013/15; B01J-020/26;  
C08J-005/18; C08F-006/00;

ABSTRACT EP 802238 A1

A water content of a water-containing gel of a hydrophilic cross-linked polymer is reduced by pressuring (calendaring) it. Then, a gel composition including, for example, a water-containing gel including cross-linked poly(meth)acrylic acid (salt), glycerol (polyhydric alcohol) and polyester fibers (auxiliary forming material), etc., is fed to a drum dryer on an upstream side of a pressurizing roller. Then, the resulting gel composition is pressurized (calendared) heated by a pressurizing roller to be formed into a sheet. As a result, a sheet-like absorbent material having at least one smooth surface can be obtained.

The absorbent material resulting from the described method shows excellent properties especially in absorbing properties such as absorbing rate, absorbency under load, and shape retaining property.

ABSTRACT WORD COUNT: 119

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 970820 A1 International application (Art. 158(1))  
Application: 971022 A1 Published application (Alwith Search Report  
;A2without Search Report)  
Examination: 971022 A1 Date of filing of request for examination:  
970725

Change: 980128 A1 Inventor (change)

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9710W3	475
SPEC A	(English)	9710W3	21133
Total word count - document A			21608
Total word count - document B			0
Total word count - documents A + B			21608

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DIALOG(R)File 348:EUROPEAN PATENTS

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00846046

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

Communication system and method using two-way paging to provide call control

Kommunikationssystem und -verfahren fur Anrufsteuerung mittels Zwei-Wege-Rufe

Methode et systeme de communication utilisant un appel bidirectionnel pour la commande d'appel

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,

(US), (applicant designated states: FR;GB)

INVENTOR:

Foladare, Mark Jeffrey, 8 Matthew Avenue, Kendall Park, N.J. 08824, (US)  
Silverman, David Phillip, 4 Lowe Road, Somerville, N.L. 08876, (US)  
Goldman, Shelley B., 9 Surrey Lane, East Brunswick, N.J. 08816, (US)  
Weber, Roy Philip, 940 Turnberry Court, Bridgewater, N.J. 08807, (US)

LEGAL REPRESENTATIVE:

R.A. KUHNEN & P.A. WACKER (101501), Patentanwaltsgesellschaft mbH  
Alois-Steinecker-Strasse 22, 85354 Freising, (DE)

PATENT (CC, No, Kind, Date): EP 782363 A2 970702 (Basic)  
EP 782363 A3 990512

APPLICATION (CC, No, Date): EP 96120784 961223;

PRIORITY (CC, No, Date): US 579188 951227

DESIGNATED STATES: FR; GB

INTERNATIONAL PATENT CLASS: H04Q-007/38; H04Q-007/22; H04M-003/42;

ABSTRACT EP 782363 A2

A system and method of using two-way **paging** to establish communications with a mobile party having a Personal Telephone Number. The mobile party uses the two-way **pager** to transmit call control parameters which are used by the telephone network to route calls directed to the party's PTN. The mobile party may also use the **pager** to transmit subsequent routing parameters which are used by the network to reroute calls which have been previously routed. The subsequent routing of a call may be performed at any time following a previous routing, even after the call has received answer supervision.

ABSTRACT WORD COUNT: 99

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 970702 A2 Published application (A1with Search Report  
;A2without Search Report)

Change: 980930 A2 Representative (change)

Search Report: 990512 A3 Separate publication of the European or  
International search report

Examination: 990929 A2 Date of request for examination: 19990802

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	990
SPEC A	(English)	EPAB97	9387
Total word count - document A			10377
Total word count - document B			0
Total word count - documents A + B			10377

13/5/8

DIALOG(R)File 348:EUROPEAN PATENTS

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00846036

ORDER Fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**Communication system and method using two-way paging to provide call control**

**Kommunikationssystem und Verfahren zur Anrufsteuerung mittels Zwei-Wege-Rufe**

**Systeme et methode de communication pour la commande d'appel au moyen d'un appel bidirectionnel**

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,  
(US), (applicant designated states: FR;GB)

INVENTOR:

Foladare, Mark Jeffrey, 8 Matthew Avenue, Kendall Park, N.J. 08824, (US)  
Goldman, Shelley B., 9 Surrey Lane, East Brunswick, N.J. 08816, (US)  
Silverman, David Phillip, 4 Lowe Road, Somerville, N.J. 08876, (US)  
Weber, Roy Philip, 940 Turnberry Court, Bridgewater, N.J. 08807, (US)

LEGAL REPRESENTATIVE:

R.A. KUHNEN & P.A. WACKER (101501), Patentanwaltsgesellschaft mbH  
Alois-Steinecker-Strasse 22, 85354 Freising, (DE)

PATENT (CC, No, Kind, Date): EP 782353 A2 970702 (Basic)  
EP 782353 A3 990506  
APPLICATION (CC, No, Date): EP 96120765 961223;  
PRIORITY (CC, No, Date): US 579184 951227  
DESIGNATED STATES: FR; GB  
INTERNATIONAL PATENT CLASS: H04Q-007/12; H04Q-007/08; H04M-003/50;

ABSTRACT EP 782353 A2

A system and method of using two-way **paging** to establish communications with a mobile party having a Personal Telephone Number. The mobile party is equipped with a two-way **pager** which the party may use to provide call control. The **pager** is periodically queried by a network and/or **paging** service to determine whether or not the **pager** is reachable. If the **pager** becomes unreachable, and thereafter a call is placed to the party's Personal Telephone Number, the network routes the call to a default station. If the **pager** is reachable, any one of a number of alternative call routing procedures may be invoked including: registration type routing, call-by-call routing, reveritive calling, call examination routing, and subsequent routing. In one possible embodiment, a Customer Routing Point is used to store the **pager** status along with other call routing information, and a Network Control Point is used to carry out the appropriate routing procedure. Other possible embodiments include: using an adjunct to perform the functions of the Customer Routing Point and Network Control Point; and combining an adjunct with a Customer Routing Point and Network Control Point.

ABSTRACT WORD COUNT: 185

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 970702 A2 Published application (A1with Search Report  
;A2without Search Report)  
Change: 980930 A2 Representative (change)  
Search Report: 990506 A3 Separate publication of the European or  
International search report  
Examination: 990929 A2 Date of request for examination: 19990802

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	1460
SPEC A	(English)	EPAB97	9498
Total word count - document A			10958
Total word count - document B			0
Total word count - documents A + B			10958

13/5/9

DIALOG(R) File 348:EUROPEAN PATENTS

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00846033

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**Communication system and method using two-way paging to provide call control**

**Kommunikationssystem und -verfahren zur Anrufsteuerung mittels Zwei-Wege-Rufe**

**Methode et systeme de communication utilisant un appel bidirectionnel pour la commande d'appel**

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412, (US), (applicant designated states: FR;GB)

INVENTOR:

Foladare, Mark Jeffrey, 8 Matthew Avenue, Kendall Park, N.J. 08824, (US)  
Goldman, Shelley B., 9 Surrey Lane, East Brunswick, N.J. 08816, (US)  
Silverman, David Phillip, 4 Lowe Road, Somerville, N.J. 08876, (US)  
Weber, Roy Philip, 940 Turnberry Court, Bridgewater, N.J. 08807, (US)

LEGAL REPRESENTATIVE:

R.A. KUHNEN & P.A. WACKER (101501), Patentanwaltsgesellschaft mbH  
Alois-Steinecker-Strasse 22, 85354 Freising, (DE)

PATENT (CC, No, Kind, Date): EP 782362 A2 970702 (Basic)



EP 782362 A3 990506  
APPLICATION (CC, No, Date): EP 96120762 961223;  
PRIORITY (CC, No, Date): US 579540 951227  
DESIGNATED STATES: FR; GB  
INTERNATIONAL PATENT CLASS: H04Q-007/38; H04Q-007/22; H04M-003/42;

ABSTRACT EP 782362 A2

A system and method of using two-way **paging** to establish communications with a mobile party having a Personal Telephone Number (PTN). The mobile party uses the two-way **pager** to transmit call control parameters which are used by the telephone network to route calls directed to the party's PTN. The mobile party may also use the **pager** to transmit a location indicator which specifies the subscriber's location and informs the network of the subscriber's intention to receive calls according to a call examination procedure. To invoke the call examination procedure, the bandwidths and protocols of all possible terminating stations associated with the subscriber's location are stored in the network on a pre-provisioned basis. Thereafter, when a call is placed to the subscriber's PTN, the network determines the bandwidth and protocol of the originating station, selects a terminating station that is located at the subscriber site and has a bandwidth and protocol most closely resembling that of the originating station, and routes the call to the selected terminating station.

ABSTRACT WORD COUNT: 168

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 970702 A2 Published application (Alwith Search Report  
;A2without Search Report)  
Change: 980930 A2 Representative (change)  
Search Report: 990506 A3 Separate publication of the European or  
International search report  
Examination: 990929 A2 Date of request for examination: 19990802

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB97	782
SPEC A	(English)	EPAB97	9317
Total word count - document A			10099
Total word count - document B			0
Total word count - documents A + B			10099

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DIALOG(R)File 348:EUROPEAN PATENTS  
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00791621

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**System for location of communication end users**

**Standortbestimmungssystem fur Endteilnehmer**

**Systeme de localisation d'usagers**

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (Applicant designated States: all)

INVENTOR:

Dunn, James M., 33 Ixora Way, Ocean Ridge, Florida 33435, (US)

LEGAL REPRESENTATIVE:

Jennings, Michael John (80331), IBM United Kingdom Limited, Intellectual  
Property Department, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 738095 A2 961016 (Basic)  
EP 738095 A3 990825

APPLICATION (CC, No, Date): EP 96302506 960410;

PRIORITY (CC, No, Date): US 421054 950412

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04Q-007/38; H04Q-007/22

ABSTRACT EP 738095 A2

A system for location of communication end users including a plurality

of wide area networks which control the transmission of voice, data, file and other types of messages in a preconfigured exchange area, each area network including a plurality of local servicing offices controlled by a central regional service point wherein the local servicing offices track, monitor and receive user specific information from users within their designated area and which respond to search requests from the regional service points, the regional service points providing an interface to other wide area networks for complete global communication and location of communication end users. The local servicing offices and regional service points are computer based systems controlled by microprocessors and having databases for permanently and temporarily storing predetermined end user information and messages from and intended for selected end users, whereby the local servicing offices and regional service points communicate with each other and with other wide area networks via a physical communication network which provides communication **links** between the networks and the end users whether **wireless** or wired. (see image in original document) (see image in original document)

ABSTRACT WORD COUNT: 212

NOTE:

Figure number on first page: 5

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 961016 A2 Published application (Alwith Search Report  
;A2without Search Report)

Examination: 970409 A2 Date of filing of request for examination:  
970213

Search Report: 990825 A3 Separate publication of the search report

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1296
SPEC A	(English)	EPAB96	18577
Total word count - document A			19873
Total word count - document B			0
Total word count - documents A + B			19873

13/5/11

DIALOG(R)File 348:EUROPEAN PATENTS

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00774401

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**System and method for establishing communications with a mobile party**

**System und Verfahren zur Herstellung von Verbindungen mit einem mobilen Teilnehmer**

**Systeme et methode pour etablir des communications avec un abonne mobile**

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,  
(US), (applicant designated states: DE;ES;FR;GB)

INVENTOR:

Foladare, Mark J., 8 Matthew Avenue, Kendall Park, NJ 08824, (US)

Friedes, Albert, 28 Yorktown Road, East Brunswick, NJ 08816, (US)

Silvermann, David P., 4 Lowe Road, Somerville, NJ 08876, (US)

Weber, Roy P., 940 Turnberry Court, Bridgewater, NJ 08807, (US)

LEGAL REPRESENTATIVE:

Harding, Richard Patrick et al (41295), Marks & Clerk, Nash Court, Oxford  
Business Park South, Oxford OX4 2RU, (GB)

PATENT (CC, No, Kind, Date): EP 724351 A2 960731 (Basic)  
EP 724351 A3 990120

APPLICATION (CC, No, Date): EP 96300299 960116;

PRIORITY (CC, No, Date): US 379425 950127

DESIGNATED STATES: DE; ES; FR; GB

INTERNATIONAL PATENT CLASS: H04M-003/42; H04M-003/54; H04M-011/02;  
H04Q-003/00;

ABSTRACT EP 724351 A2

In a communication system capable of establishing communications between a calling party (12) and a mobile called party, who is equipped with a two way **pager** (10), the calling party initiates an incoming call by dialing the called party's Personal Telephone Number. The call is coupled to an adjunct (24) which holds the call while contacting the mobile party. The adjunct contacts the mobile party by cross referencing the dialed Personal Telephone Number to a **pager** code for the called party and then initiating the transmission of a **paging** signal (from 28). The **paging** signal **alerts** the called party to the incoming call at which time the called party responds by sending a return signal to the adjunct (24) via the two way **pager** (10). The return signal includes a forwarding number corresponding to a communication device (32) to which the adjunct (24) directs the incoming call. (see image in original document)

ABSTRACT WORD COUNT: 171

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 960731 A2 Published application (Alwith Search Report  
;A2without Search Report)  
Change: 980128 A2 Representative (change)  
Change: 980204 A2 Representative (change)  
Search Report: 990120 A3 Separate publication of the European or  
International search report  
Change: 990127 A2 Obligatory supplementary classification  
(change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1534
SPEC A	(English)	EPAB96	5289
Total word count - document A			6823
Total word count - document B			0
Total word count - documents A + B			6823

13/5/12

DIALOG(R)File 348:EUROPEAN PATENTS

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00774400

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**System and method for establishing communications over a network**

**System und Verfahren zur Herstellung von Verbindungen uber ein Netzwerk**

**Systeme et methode pour etablir des communications par l'intermediaire d'un  
reseau**

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412,  
(US), (applicant designated states: DE;ES;FR;GB)

INVENTOR:

Foladare, Mark J., 8 Matthew Avenue, Kendall Park, NJ 08824, (US)  
Friedes, Albert, 28 Yorktown Road, East Brunswick, NJ 08816, (US)  
Goldman, Shelley B., 9 Surrey Lane, East Brunswick, NJ 08816, (US)  
Weber, Roy P., 940 Turnberry Court, Bridgewater, NJ 08807, (US)

LEGAL REPRESENTATIVE:

Harding, Richard Patrick (41295), Marks & Clerk, Nash Court, Oxford  
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PATENT (CC, No, Kind, Date): EP 724350 A2 960731 (Basic)  
EP 724350 A3 990127

APPLICATION (CC, No, Date): EP 96300292 960116;

PRIORITY (CC, No, Date): US 379430 950127

DESIGNATED STATES: DE; ES; FR; GB

INTERNATIONAL PATENT CLASS: H04M-003/42; H04M-003/54; H04M-011/02;  
H04Q-003/00;

ABSTRACT EP 724350 A2

In a communication system capable of establishing communication with a mobile party having a Personal Telephone Number the mobile party uses a two-way **pager** (10) to transmit a forwarding number to a **paging**

service (28). The **paging** service relays the forwarding number to a Customer Routing Point (34) where the number is stored. Whenever a caller (12) initiates a call to the mobile party by dialing the mobile party's Personal Telephone Number, the Customer Routing Point (34) is **notified**. The Customer Routing Point then cross-references the Personal Telephone Number with the forwarding number and forwards the call to a terminating telephone (32) associated with the forwarding number. In one possible embodiment an adjunct is used in conjunction with the Customer Routing Point to offer call forwarding service on both a call by call basis and a registration basis. (see image in original document)

ABSTRACT WORD COUNT: 161

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 960731 A2 Published application (Alwith Search Report  
;A2without Search Report)  
Change: 980107 A2 Representative (change)  
Change: 980204 A2 Representative (change)  
Search Report: 990127 A3 Separate publication of the European or  
International search report  
Change: 990127 A2 Obligatory supplementary classification  
(change)  
Examination: 990623 A2 Date of filing of request for examination:  
990427

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1373
SPEC A	(English)	EPAB96	8129
Total word count - document A			9502
Total word count - document B			0
Total word count - documents A + B			9502

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DIALOG(R)File 348:EUROPEAN PATENTS

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00697517

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**Prediction of indoor electromagnetic wave propagation for wireless indoor system engineering.**

**Vorhersage der Ausbreitung elektromagnetischer Wellen fur die drahtlose Übertragungstechnik in Innenräumen.**

**Prediction de la propagation d'ondes electromagnetiques pour la technique de communication interieure sans fil.**

PATENT ASSIGNEE:

AT&T Corp., (589370), 32 Avenue of the Americas, New York, NY 10013-2412, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Fortune, Steven Jonathan, 96 Division Avenue, Summit, New Jersey 07901, (US)

Gay, David M., 35 Livingston Ave., New Providence, New Jersey 07974, (US)  
Kernigham, Brian Wilson, 166 Lawrence Drive, Berkeley Heights, New Jersey 07922, (US)

Landron, Orlando, 464 Crawford Street, Eatontown, New Jersey 07724, (US)  
Valenzuela, Reinaldo A., 17 Partridge Run, Holmdel, New Jersey 07733, (US)

Wright, Margaret H., 119 Cambridge Drive, Berkeley Heights, New Jersey 07922, (US)

LEGAL REPRESENTATIVE:

Buckley, Christopher Simon Thirsk et al (28912), AT&T (UK) LTD., AT&T Intellectual Property Division, 5 Mornington Road, Woodford Green, Essex IG8 0TU, (GB)

PATENT (CC, No, Kind, Date): EP 664619 A1 950726 (Basic)

APPLICATION (CC, No, Date): EP 94309004 941205;

PRIORITY (CC, No, Date): US 172009 931222

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04B-007/26; G01R-029/08;

ABSTRACT EP 664619 A1

Methods are disclosed for predicting RF propagation within a structure such as a building, characterized by the following steps. A reference transmitter location (210) and a plurality of reference receiver locations (212) are selected. For each reference receiver location, RF propagation pathways are determined with respect to the reference transmitter location. The RF propagation pathways include a direct path (217) joining the reference transmitter location to a given reference receiver location across a straight-line path, as well as one or more reflection paths (219) joining the reference transmitter location to a given reference receiver location via reflections from one or more reflective surfaces (216). One or more propagation pathways may pass through an RF obstacle, such as, for example, a lossy dielectric material (214). Each reflective surface and RF obstacle is associated with a reflection coefficient and a transmission coefficient. These coefficients are computed for each object and surface from a multilayer dielectric model, maintaining angle and polarization dependencies. For each propagation pathway, a propagation component consisting of the propagation loss relative to free-space propagation is calculated as the product of the magnitude squared of the reflection and transmission coefficients. The local mean of received RF power at each of the reference receiver locations is calculated as the scalar sum of the powers of all the propagation pathway components reaching the specified location. (see image in original document)

ABSTRACT WORD COUNT: 230

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 950726 A1 Published application (A1with Search Report  
;A2without Search Report)  
Examination: 960313 A1 Date of filing of request for examination:  
960111  
Withdrawal: 990602 A1 Date on which the European patent application  
was withdrawn: 990403

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	520
SPEC A	(English)	EPAB95	4785
Total word count - document A			5305
Total word count - document B			0
Total word count - documents A + B			5305

13/5/14

DIALOG(R)File 348:EUROPEAN PATENTS

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00296265

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**Threshold alarms for processing errors in a multiplex communications system.**

**Schwellenalarme zur Verarbeitung von Fehlern in einem Multiplex-Kommunikationssystem.**

**Alarmes de seuil pour traitement d'erreurs dans un systeme de communication a multiplexage.**

PATENT ASSIGNEE:

ROLM Systems, (1352641), 4900 Old Ironsides Drive, Santa Clara, CA 95054,  
(US), (applicant designated states: DE;FR;GB)

INVENTOR:

Luan, Jaye Denny, 180 Elm Court No. 615E, Sunnyvale, CA 94086, (US)

LEGAL REPRESENTATIVE:

Fuchs, Franz-Josef, Dr.-Ing. et al (3891), Postfach 22 13 17, W-8000  
Munchen 22, (DE)

PATENT (CC, No, Kind, Date): EP 310781 A2 890412 (Basic)  
EP 310781 A3 900627  
EP 310781 B1 930310

APPLICATION (CC, No, Date): EP 88112793 880805;

PRIORITY (CC, No, Date): US 105063 871005

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04M-003/24; H04Q-011/04; H04L-012/26;  
G06F-011/00;

CITED PATENTS (EP A): DE 1934453 B; DE 2803002 A; US 4260859 A

CITED REFERENCES (EP A):

INTERNATIONAL SWITCHING SYMPOSIUM, 15th - 20th March 1987, Phoenix,  
Arizona, US; Y. KOSEKI et al.: "SHOOTX: A multiple knowledge based  
diagnosis expert system for NEAX61 ESS", pages C1.6.1 - C1.6.5. or  
0078/0082

ELECTRICAL COMMUNICATION, vol. 60, no. 2, 1986; M. THANDASSERI: "Expert  
system application for TXE4A exchanges", pages 154/161;

ABSTRACT EP 310781 A2

A method and apparatus for detecting and analyzing errors in a  
communications system is described. The method employs expert system  
techniques to isolate failures to specific field replaceable units and  
attempts to restore the failing unit to service, if the system will not  
be adversely affected, by removing it from service, resetting the  
resource and returning it to service if it passes retesting. The expert  
system techniques include detailed decision trees designed for each  
resource in the system. The decision trees also filter extraneous sources  
of errors from affecting the error analysis results.

ABSTRACT WORD COUNT: 97

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 890412 A2 Published application (Alwith Search Report  
;A2without Search Report)  
Examination: 891004 A2 Date of filing of request for examination:  
890809  
Search Report: 900627 A3 Separate publication of the European or  
International search report  
Change: 911106 A2 Representative (change)  
\*Assignee: 911106 A2 Applicant (transfer of rights) (change): ROLM  
Systems (1352641) 4900 Old Ironsides Drive  
Santa Clara, CA 95054 (US) (applicant  
designated states: DE;FR;GB)  
\*Assignee: 911106 A2 Previous applicant in case of transfer of  
rights (change): International Business  
Machines Corporation (200120) Old Orchard Road  
Armonk, N.Y. 10504 (US) (applicant designated  
states: DE;FR;GB)  
Examination: 920624 A2 Date of despatch of first examination report:  
920513  
Grant: 930310 B1 Granted patent  
Oppn None: 940302 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPABF1	1124
SPEC B	(English)	EPABF1	36828
Total word count - document A			0
Total word count - document B			37952
Total word count - documents A + B			37952

13/5/15

DIALOG(R)File 348:EUROPEAN PATENTS

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00271665

ORDER fax of complete patent from Dialog SourceOne. See HELP ORDER 348

**Private cellular system**

**Privates Zellularsystem**

**Systeme cellulaire prive**

PATENT ASSIGNEE:

NORTHERN TELECOM LIMITED, (217325), World Trade Center of Montreal, 380  
St. Antoine Street West 8th Floor, Montreal, Quebec H2Y 3Y4, (CA),

(applicant designated states: DE;FR;GB;NL;SE)

INVENTOR:

Koohgoli, Mahshad, No. 1409, 900 Dynes Road, Ottawa Ontario K2C 3L6, (CA)  
Fatica, Bambino, 809 Walkley Road, Ottawa Ontario K1V 6R6, (GB)

LEGAL REPRESENTATIVE:

Berkson, Michael David et al (28281), Nortel Patents, London Road,  
Harlow, Essex CM17 9NA, (GB)

PATENT (CC, No, Kind, Date): EP 268375 A2 880525 (Basic)  
EP 268375 A3 891025  
EP 268375 B1 920916

APPLICATION (CC, No, Date): EP 87309145 871015;

PRIORITY (CC, No, Date): CA 523221 861118

DESIGNATED STATES: DE; FR; GB; NL; SE

INTERNATIONAL PATENT CLASS: H04Q-007/26

CITED PATENTS (EP A): EP 169726 A; EP 169726 A; EP 188322 A; EP 188322 A;  
WO 8302380 A; US 3906166 A; GB 2138652 A; WO 8304462 A

ABSTRACT EP 268375 A2

A **cellular** mobile radio communication (e.g.telephone) system (10) hereinafter referred to as a private **cellular** system, PCS) that does not have the constraint of being a well defined, pre-planned system. The present invention differs from previous systems largely by the fact that it does not have to be well planned in advance. A user can simply install a base station (13) virtually wherever he desires. Each base station is "intelligent" and produces a dynamic allocation. This of course means that if one were to install such a system, for example in an office building, no studies would be required. One would simply install a series of base stations.

ABSTRACT WORD COUNT: 112

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 880525 A2 Published application (Alwith Search Report  
;A2without Search Report)  
Search Report: 891025 A3 Separate publication of the European or  
International search report  
Examination: 900117 A2 Date of filing of request for examination:  
891122  
Examination: 910925 A2 Date of despatch of first examination report:  
910812  
Change: 911002 A2 Representative (change)  
\*Assignee: 920506 A2 Applicant (transfer of rights) (change):  
NORTHERN TELECOM LIMITED (217325) World Trade  
Center of Montreal, 380 St. Antoine Street West  
8th Floor Montreal, Quebec H2Y 3Y4 (CA)  
(applicant designated states: DE;FR;GB;NL;SE)  
Grant: 920916 B1 Granted patent  
Lapse: 930414 B1 Date of lapse of the European patent in a  
Contracting State: NL 920916  
Oppn: 930811 B1 Opposition 01/930616 Alcatel N.V.;  
Strawinskykaan 341; NL-1077 XX AMSTERDAM; (NL)  
(Representative:)Graf, Georg Hugo, Dipl.-Ing.;  
Alcatel SEL AG Patent- und Lizenzwesen Postfach  
30 09 29; W-7000 Stuttgart 30; (DE)  
Oppn: 930825 B1 Opposition 01/930616 Alcatel N.V.;  
Strawinskykaan 341; NL-1077 XX AMSTERDAM; (NL)  
(Representative:)Graf, Georg Hugo, Dipl.-Ing.;  
Alcatel SEL AG Patent- und Lizenzwesen Postfach  
30 09 29; D-70449 Stuttgart; (DE)  
02/930616 Siemens Aktiengesellschaft, Berlin  
und Munchen; Postfach 22 16 34; D-80506  
Munchen; (DE)  
Change: 931229 B1 Representative (change)  
Change: 970709 B1 Representative (change)  
Amended: 970730 B2 Maintenance of the European patent as amended  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:  
Available Text Language Update Word Count  
CLAIMS B (English) 9707W5 2016

CLAIMS B	(German)	9707W5	1915
CLAIMS B	(French)	9707W5	2191
SPEC B	(English)	9707W5	7408
Total word count - document A			0
Total word count - document B			13530
Total word count - documents A + B			13530

13/5/16

DIALOG(R) File 348:EUROPEAN PATENTS

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00193480

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CELLULAR VOICE AND DATA RADIOTELEPHONE SYSTEM.

CELLULARES STIMME- UND DATENFUNKFERNUBERTRAGUNGSSYSTEM.

SYSTEME RADIOTELEPHONIQUE CELLULAIRE DE TRANSMISSION VOCALE ET DE DONNEES.

PATENT ASSIGNEE:

MOTOROLA, INC., (205770), 1303 East Algonquin Road, Schaumburg, IL 60196,

(US), (applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;NL;SE)

INVENTOR:

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BONTA, Jeffery, D., 309 S. Wapella, Mount Prospect, IL 60056, (US)

SCHAEFFER, Dennis, R., 266 Mohawk Trail, Buffalo Grove, IL 60090, (US)

TELL, Daniel, F., 1112 Laurel, Deerfield, IL 60015, (US)

LEV, Vally, 938 Cardiff Court, Schaumburg, IL 60194, (US)

LEGAL REPRESENTATIVE:

Hudson, Peter David (52402), Motorola European Intellectual Property

Midpoint Alencon Link, Basingstoke Hampshire RG21 1PL, (GB)

Ibbotson, Harold (45963), Motorola European Intellectual Property

Midpoint Alencon Link, Basingstoke Hampshire RG 21 1PL, (GB)

PATENT (CC, No, Kind, Date): EP 188554 A1 860730 (Basic)

EP 188554 A1 861230

EP 188554 B1 891108

WO 8600775 860130

APPLICATION (CC, No, Date): EP 85903622 850709; WO 85US1302

PRIORITY (CC, No, Date): US 630481 840713

DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: H04Q-007/22

CITED PATENTS (EP A): US 4229822 A; WO 8400655 A

CITED PATENTS (WO A): US 4481670 A; US 4398063 A

CITED REFERENCES (EP A):

ELECTRONICS INTERNATIONAL, vol. 56, no. 17, August 1983, pages 142-145,

New York, US; J. KREBS: "Portable computer and host talk over radio-frequency link"

IEE PROCEEDINGS, vol. 130, no. 6, part F, sections A-I, October 1983,

pages 527-531, Old Woking, Surrey, GB; P.J. CADMAN et al.: "Data transmission over VHF and UHF land mobile radio channels"

FUNKSCHAU, no. 2, January 1984, pages 41-44, Munich, DE; R. LODDE: "Mobil

im Kontakt mit dem Grossrechner"

See also references of WO8600775;

CITED REFERENCES (WO A):

IEEE Transactions on Vehicular Technology, Volume VT-29, No. 4, issued

November 1980, ROLAND J. TURNER, "Evaluation of Cellular Mobile

Telephone Data Receivers", see pages 353-360.

Electronics, issued 28 June 1984, "Cellular Link is Step to Portable

Office", see pages 48 and 50.

26th Annual Conference of the IEEE Vehicular Technology Group, issued

March 1976, E.J. ADDEO, "An Approach to Digital Signal Processing for a High Capacity Mobile Telephone System", see pages 52-57.;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 860730 A1 Published application (A1with Search Report ;A2without Search Report)

Examination: 860730 A1 Date of filing of request for examination: 860319

Search Report: 861230 A1 Drawing up of a supplementary European search



report: 861107  
 Examination: 890405 A1 Date of despatch of first examination report:  
 890215  
 Grant: 891108 B1 Granted patent  
 Oppn: 900926 B1 Opposition 01/900807 Nokia **Cellular** Systems  
 Corporation; Upseerikatu 3; SF-02600 Espoo;  
 (FI)  
 (Representative:) Barlow, Roy James; J.A. KEMP &  
 CO. 14, South Square, Gray's Inn; London WC1R  
 5EU; (GB)

Amended: 950524 B2 Maintenance of the European patent as amended  
 LANGUAGE (Publication, Procedural, Application): English; English; English  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB95	1312
CLAIMS B	(German)	EPAB95	1372
CLAIMS B	(French)	EPAB95	1691
SPEC B	(English)	EPAB95	8590
Total word count - document A			0
Total word count - document B			12965
Total word count - documents A + B			12965

Set	Items	Description
S1	641528	WIRELESS? OR CELLULAR? OR CAR()PONE? OR PAGER? OR OFF()LIN- E? OR OFFFLINE?
S2	272215	INTERACTIVE()COMMUNICATION? OR CHAT? OR ICQ OR INSTANT()ME- SSAGE? OR IRC OR CONFERENCING OR CONFERENCE()CALL?
S3	1633179	ALERT? OR PAGE OR PAGED OR PAGING OR RING? OR NOTIF?
S4	7017792	COMBINE? OR LINK? OR JOIN? OR CONNECT? OR BEGIN? OR LAUNCH?
S5	360	S1 (S) S2 (S) S3 (S) S4
S6	1166	S1(3N)S2
S7	74306	UNCONNECT? OR OFFLINE? OR ("NOT" OR OFF OR UN)()CONNECT? OR DISCONNECT?
S8	22	S5 AND S7
S9	68	S5(S)S6
S10	5	S5(10N)S7
S11	73	S9 OR S10
S12	52	RD (unique items)
S13	40	S12 NOT PY>1997
S14	40	S13 NOT PD>971114
File	88:GALE GROUP BUSINESS A.R.T.S. 1976-2000/JAN 10	(c) 2000 THE GALE GROUP
File	15:ABI/INFORM(R) 1971-1999/Dec 15	(c) 1999 Bell & Howell
File	16:GALE GROUP PROMT(R) 1990-2000/JAN 10	(c) 2000 THE GALE GROUP
File	9:BUSINESS & INDUSTRY(R) JUL/1994-2000/JAN 10	(c) 2000 RESP. DB SVCS.
File	13:BAMP 2000/JAN W1	(c) 2000 RESP. DB SVCS.
File	734:DAYTON DAILY NEWS OCT 1990- 1999/Dec 28	(c) 2000 DAYTON DAILY NEWS
File	810:Business Wire 1986-1999/Feb 28	(c) 1999 Business Wire
File	623:BUSINESS WEEK 1985-2000/DEC W4	(c) 2000 THE MCGRAW-HILL COMPANIES INC
File	647:CMP COMPUTER FULLTEXT 1988-2000/JAN W1	(c) 2000 CMP
File	98:General Sci Abs/Full-Text 1984-1999/Oct	(c) 1999 The HW Wilson Co.
File	148:GALE GROUP TRADE & INDUSTRY DB 1976-2000/JAN 10	(c)2000 THE GALE GROUP

14/3,K/1 (Item 1 from file: 88)  
DIALOG(R)File 88:GALE GROUP BUSINESS A.R.T.S.  
(c) 2000 THE GALE GROUP. All rts. reserv.

03626046 SUPPLIER NUMBER: 16947196 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**J&L's server room in a box. (J&L Information Systems' ChatterBox  
communications server) (Network Edition: First Looks) (Hardware  
Review) (Evaluation)**  
Rigney, Steve  
PC Magazine, v14, n10, pNE19(2)  
May 30, 1995  
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 562 LINE COUNT: 00042

... information on hardware components, including the CPU, RAM, and  
hard disk of each processor board, **ChatView** is limited to data such as  
the name of the user **connected** to the processor and the number of  
processors in a rack. **ChatView** does support **pager notification** of  
**alerts**, however, while CMS does not.

J&L ChatterBox. List price: tested configuration, \$33,263. J...

14/3,K/2 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/INFORM(R)  
(c) 1999 Bell & Howell. All rts. reserv.

00621424 92-36526  
**Put an Office in the Palm of Your Hand**  
Wyllie, Margie  
InfoWorld v14n25 PP: S70, S75 Jun 22, 1992  
ISSN: 0199-6649 JRNL CODE: IFW  
WORD COUNT: 1897

...TEXT: on-line services, communicators are devices primarily used to stay  
in touch.

Something like a **cellular** phone but more, a communicator could **combine**  
the functions of **cellular** voice phone, video **conferencing**, E-mail,  
**paging**, voice mail, fax, and on-line service access into a single device.

General Magic of...

14/3,K/3 (Item 1 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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05314991 Supplier Number: 48089989 (USE FORMAT 7 FOR FULLTEXT)  
**CT CALL CENTERS FOR RENT?**  
Computer Telephony, p108  
Nov, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 2497

... ringing, handles up to five numbers, forwards to voice mail if no  
answer), 'advanced call **connect**' (if a call is **not connected** caller  
can leave a message, callers can make multiple calls without hanging up),  
fax (fax...

14/3,K/4 (Item 2 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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05295018 Supplier Number: 48062379 (USE FORMAT 7 FOR FULLTEXT)

**Wireless: AT&T Launches Wireless Digital PCS in Philadelphia, Washington, D.C./Baltimore and Charlotte**

EDGE, on & about AT&T, pN/A

Oct 20, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 570

... in North America.

AT&T Digital PCS is an all-in-one communications service which **combines** numerous advanced features, such as Caller ID, alphanumeric and numeric **paging**, short e-mail messaging and VoiceMail with a Message Waiting Indicator. It offers superior voice quality, enhanced privacy and fraud protection, and extended battery life. And it provides traditional **wireless** telephone features, including Call Waiting, Immediate Call Forwarding and Three-Way **Conference Calling**.

AT&T **Wireless** is the first provider to offer dual-band dual-mode wireless telephone service. The new...

**14/3,K/5 (Item 3 from file: 16)**

DIALOG(R)File 16:GALE GROUP PROMT(R)

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05287168 Supplier Number: 48051957 (USE FORMAT 7 FOR FULLTEXT)

**AT&T Launches Wireless Digital PCS in Philadelphia, Washington, D.C./Baltimore and Charlotte.**

Business Wire, pl0151079

Oct 15, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 617

... in North America.

AT&T Digital PCS is an all-in-one communications service which **combines** numerous advanced features, such as Caller ID, alphanumeric and numeric **paging**, short e-mail messaging and VoiceMail with a Message Waiting Indicator. It offers superior voice quality, enhanced privacy and fraud protection, and extended battery life. And it provides traditional **wireless** telephone features, including Call Waiting, Immediate Call Forwarding and Three-Way **Conference Calling**.

AT&T **Wireless** is the first provider to offer dual-band dual-mode wireless telephone service. The new...

**14/3,K/6 (Item 4 from file: 16)**

DIALOG(R)File 16:GALE GROUP PROMT(R)

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05278182 Supplier Number: 48039950 (USE FORMAT 7 FOR FULLTEXT)

**Iowa Network Services and Western Wireless Form Joint Venture to Expand PCS Footprint in Iowa.**

Business Wire, pl0090104

Oct 9, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 570

... Iowa Network Services was created in 1988 when 128 of Iowa's independent telephone companies **joined** together to provide competitive long distance service to their customers in over 300 Iowa towns...

...offices throughout the state with long distance, 800 numbers, voice messaging, Internet access, fax services, **paging**, video **conferencing**, **cellular** switching and high capacity networks, bringing the latest in technology to rural Iowa.

Based in...

14/3,K/7 (Item 5 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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05077092 Supplier Number: 47453125 (USE FORMAT 7 FOR FULLTEXT)  
**DESPITE FCC APPROVAL, FEW CELLULAR CARRIERS SHOW INTEREST IN DISPATCH**  
Mobile Phone News, v15, n23, pN/A  
June 9, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 690

... necessarily with cellular.  
GTE Wireless GTE has no plans to offer voice dispatch services.  
Kansas **Cellular** Somewhat similar to dispatch, the company soon will introduce a new service, "group **ring**". This service features eight phones that are **connected** on the same line and share the same number. The **connection** is still one-to-one and does not offer group **conferencing**.  
Palmer **Wireless** Currently, the company does not offer dispatch. They are "looking into it" but have yet...

14/3,K/8 (Item 6 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04914407 Supplier Number: 47225155 (USE FORMAT 7 FOR FULLTEXT)  
**Cellular One announces Digital PCS; Wireless phone, answering machine and pager combo easy to use anywhere; New simple price plans and reduced rates provide unsurpassed value.**  
Business Wire, p03200172  
March 20, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1209

... Building on its three year head start in offering Digital service to Bay Area customers, **Cellular** One's Digital PCS incorporates a variety of advanced features including extended battery life, fraud prevention, voice mail with a message waiting indicator to **alert** customers to messages in their **wireless** voice mail, Caller ID, and built-in **paging**. These new features will be **combined** with existing services such as greater call privacy, the ability to send and receive computer...

...and free custom calling features including call waiting, call forwarding, busy/no answer transfer, and **conference calling** capabilities.

"**Cellular** One is the only Bay Area wireless company that has an extensive and proven Digital...

14/3,K/9 (Item 7 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04782723 Supplier Number: 47039503 (USE FORMAT 7 FOR FULLTEXT)  
**MCI AND CLUB MED SIGN AGREEMENT**  
Telecommunications Alert, v14, n10, pN/A  
Jan 15, 1997  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 88

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...local service to Club Med's New York City office, as well as call center, **cellular**, **paging**, **conferencing**, "800" calling, and prepaid

calling card services. Club Med will also **launch** a new membership card with MCI's help that doubles as a calling card. -- The...

**14/3,K/10 (Item 8 from file: 16)**  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04626834 Supplier Number: 46806648 (USE FORMAT 7 FOR FULLTEXT)  
**Behind the Scenes at Tonight's Presidential Debate: Nextel's All-in-One Wireless Service Keeps Organizers in Touch**  
PR Newswire, p1016SFW077  
Oct 16, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 267

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...by Nextel Communications, Inc. (Nasdaq: CALL). Nextel's integrated service combines the power of digital **cellular** , instant **conferencing** and alphanumeric **paging** in a single handset.

**14/3,K/11 (Item 9 from file: 16)**  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04622584 Supplier Number: 46800225 (USE FORMAT 7 FOR FULLTEXT)  
**Nextel Launches New All-in-One Wireless Service in Denver; Company's PowerFone Integrates Digital Cellular, Instant Conferencing and Paging**  
PR Newswire, p1014NYM046  
Oct 14, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 377

**Nextel Launches New All-in-One Wireless Service in Denver; Company's PowerFone Integrates Digital Cellular, Instant Conferencing and Paging**  
... in Nextel's nationwide commercial roll-out of its new PowerFone(TM), which combines digital **cellular** , instant **conferencing** and alphanumeric **paging** in a lightweight portable handset.  
Unlike other cellular and PCS products, Nextel's service gives...

**14/3,K/12 (Item 10 from file: 16)**  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04602995 Supplier Number: 46770231 (USE FORMAT 7 FOR FULLTEXT)  
**Nextel Launches New Digital Cellular, Instant Conferencing and Paging Services Ahead of Schedule in Boston**  
PR Newswire, p1002NYW018  
Oct 2, 1996  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 643

**Nextel Launches New Digital Cellular, Instant Conferencing and Paging Services Ahead of Schedule in Boston**

**14/3,K/13 (Item 11 from file: 16)**  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04598231 Supplier Number: 46761718 (USE FORMAT 7 FOR FULLTEXT)

**Bundling's Back-End**

Telemedia News & Views, v4, n10, pN/A

Oct 1, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 2325

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and single point of contact for an offer that includes local, long distance, international, data, **conferencing**, **paging**, Internet, and **cellular** "from one company." MCI refers to its bundling accomplishments as "a feat of billing, engineering...

...that its feats aren't yet too big, its next act is to grow "its **wireless** and local footprint." That's where a crucial partnership enters the picture. MCI has forged...

...its traditional lines of local toll, long-distance services, and calling card services with local **cellular** phone or PCS-like services from AT&T **Wireless** and Internet access via AT&T WorldNet Service. It also spices up the package with...

...store" concept to market Sprint Spectrum personal communications services (PCS), Sprint long distance, local and **wireless** phone service, Internet access and **paging**, as well as Spree prepaid phone cards. Sprint has also made RadioShack "the exclusive retailer...s "Help Desk" applications. In the Sprint installation, the customer support centers will be closely **linked** to the network operations organization where the PCS systems infrastructure is monitored. This provides the...

...are becoming more common as competition seeps into every aspect of the global telecommunications market. **Cellular** carriers, voice mail service providers, Cable TV operators, Competitive Local Exchange Carriers (CLECs), and PCS...very local in nature. We are watching with great interest as Frontier Communications (Rochester, NY) **joins** MCI, TCI, Sprint, and a number of other carriers to battle for a share of...

...in the industry: competitive long distance rates, voice mail, toll-free 800 or 888 service, **paging**, **cellular** service in selected markets, and now local service - all with the convenience of a single...

14/3,K/14 (Item 12 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)

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04594651 Supplier Number: 46755443 (USE FORMAT 7 FOR FULLTEXT)

**Cellular marketing shifts into high gear**

Parker, Tammy

Business Marketing, p1

Oct, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1118

... s a nightmare, an absolute nightmare,' Mr. Gillott says.

Sensing opportunity, MCI Communications Corp. recently **launched** its networkMCI One program. The fully integrated package provides a single, customized bill for a multitude of services, including local, long-distance and international calling; data; **conferencing**; **paging**; Internet; **cellular**; and more. Initially, the service is available in 13 markets. The agency handling the account...

14/3,K/15 (Item 13 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)

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04579311 Supplier Number: 46731874 (USE FORMAT 7 FOR FULLTEXT)

**Wireless: Nextel Communications unveils area's only wireless service that integrates digital cellular, paging and instant conferencing; one service, one device, one number improves customer productivity and cuts costs**

EDGE, on & about AT&T, pN/A

Sept 23, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 767

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...launched the area's first fully digital communications service using a portable phone that consolidates **cellular**, **paging** and instant **conferencing** into one phone with one service provider and one phone number.

**14/3,K/16 (Item 14 from file: 16)**

DIALOG(R)File 16:GALE GROUP PROMT(R)

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04578032 Supplier Number: 46730245 (USE FORMAT 7 FOR FULLTEXT)

**TELECOM MONITOR NOTEBOOK: NEXTEL**

Warren's Telecom Regulation Monitor, v1, n32, pN/A

Sept 23, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 57

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Nextel **launched wireless** services in Ill., Ind., and Wis. Sept. 16 under promotional banner "Beyond **Cellular**," offering **cellular**, **paging** and **conferencing** services from portable phones. Commercial service follows 9-month technical test using Motorola Iden technology and PowerFone, company said. Service is \$30 per month, including 250 min. for **conferencing** and 50 pages; handset sells for \$369-\$429.

**14/3,K/17 (Item 15 from file: 16)**

DIALOG(R)File 16:GALE GROUP PROMT(R)

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04570984 Supplier Number: 46719285 (USE FORMAT 7 FOR FULLTEXT)

**Nextel Treks Beyond Cellular 09/17/96**

Newsbytes, pN/A

Sept 17, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 348

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...By Bob Woods. Nextel Communications said it is introducing to the Chicago-area market a **wireless** phone service that **combines** digital **cellular**, **paging**, and **conferencing** capabilities into one phone with one phone number. The system, which uses Motorola's [NYSE...

**14/3,K/18 (Item 16 from file: 16)**

DIALOG(R)File 16:GALE GROUP PROMT(R)

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04570368 Supplier Number: 46718425 (USE FORMAT 7 FOR FULLTEXT)



**TELEPHONY - Nextel launched wireless services**

Communications Daily, v16, n181, pN/A

Sept 17, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 59

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Nextel **launched wireless services** in Ill., Ind., and Wis. Mon. under promotional banner "Beyond **Cellular** ," offering **cellular , paging and conferencing** services from portable phones. Commercial service follows successful 9-month technical test using Motorola's...

...technology and PowerFone device, company said. Service is \$30 per month, including 250 min. for **conferencing** and 50 pages, and handset sells for \$369-\$429.

14/3,K/19 (Item 17 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)

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04569526 Supplier Number: 46717000 (USE FORMAT 7 FOR FULLTEXT)

**Nextel Communications Unveils Area's Only Wireless Service that Integrates Digital Cellular, Paging and Instant Conferencing**

PR Newswire, p0916DEM030

Sept 16, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 843

... launched the area's first fully digital communications service using a portable phone that consolidates **cellular , paging** and instant **conferencing** into one phone with one service provider and one phone number.

With today's announcement...

14/3,K/20 (Item 18 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)

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04565418 Supplier Number: 46710440 (USE FORMAT 7 FOR FULLTEXT)

**Nextel Initiates Nationwide Roll-out of New Wireless Service Integrating Digital Cellular, Instant Conferencing and Paging -- iDEN Tests**

**Declared Successful - Service Begins Today in Chicago --.**

Business Wire, p09160503

Sept 16, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 782

**Nextel Initiates Nationwide Roll-out of New Wireless Service Integrating Digital Cellular, Instant Conferencing and Paging -- iDEN Tests**

**Declared Successful - Service Begins Today in Chicago --....**

14/3,K/21 (Item 19 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)

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04563337 Supplier Number: 46707341

**MCI to offer business services on one bill.**

Sun (Baltimore, MD), pC1

Sept 13, 1996

Language: English Record Type: Abstract

Document Type: Newspaper; Trade

ABSTRACT:

...from phone-industry deregulation. Called NetworkMCIOne, the new package will comprise long distance/local phone, **cellular**, **conferencing** & data solutions and other services such as **paging** and Internet access. The new package, **launched** at a company conference in Dallas, TX, will originally be employed in 13 test markets, including Baltimore, MD. The move comes after the company **launched** MCI One, a similar consumer-oriented all-encompassing package, in May 1996. ...

14/3,K/22 (Item 20 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)  
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04483978 Supplier Number: 46582498 (USE FORMAT 7 FOR FULLTEXT)

**WORLDCOM, INC. REPORTS RECORD SECOND QUARTER RESULTS.**

Business Wire, p07300325

July 30, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 2564

... no further cash interest requirement related to the notes.

During the second quarter, WorldCom, Inc. **launched** several new promotions aimed at the retail market. Bottom Line Business(SM), targeted to the...

...of services which, in addition to domestic and international long distance, can include calling card, **cellular**, **conference calling**, enhanced fax, **paging** and Internet access. Designed for businesses spending less than \$250 per month on telecommunications, the...

14/3,K/23 (Item 21 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)  
(c) 2000 THE GALE GROUP. All rts. reserv.

04386674 Supplier Number: 46434872 (USE FORMAT 7 FOR FULLTEXT)

**AIRMEDIA LIVE! WIRELESS CYBERSPACE NETWORK GOES LIVE; Ex Machina, Inc.**

**Announces Launch of Nationwide Wireless Network; PCs Listen to the**

**Internet for Live News Sports, Entertainment and E-Mail Alerts.**

Business Wire, p06031553

June 3, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 838

... game challenges and e-mail alerts, broadcast from a wide variety of online sources. These **alerts** arrive even when the computer is **offline**, and provide single click access back to the full source on the Internet or online...

14/3,K/24 (Item 22 from file: 16)

DIALOG(R)File 16:GALE GROUP PROMT(R)  
(c) 2000 THE GALE GROUP. All rts. reserv.

03964155 Supplier Number: 45747751 (USE FORMAT 7 FOR FULLTEXT)

**AT&T OFFERS NEW DISCOUNT PLAN, DROPS 'TRUE SAVINGS' AS COMPETITION EBBS**

Common Carrier Week, v12, n34, pN/A

August 28, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Professional Trade

Word Count: 532

... discount plan, although "Sprint Sense" is company's chief long distance offering.

MCI "Friends & Family **Connections** " plan expanded discounts to **cellular , paging , conference calls** , 800 numbers and "follow-me" services earlier this year and now "New Friends and Family..."

14/3,K/25 (Item 23 from file: 16)  
DIALOG(R)File 16:GALE GROUP PROMT(R)  
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03566371 Supplier Number: 45011843  
**Nextel networks mayors**  
Oakland Tribune (CA), pC1  
Sept 23, 1994  
Language: English Record Type: Abstract  
Document Type: Newspaper; Trade

ABSTRACT:

Nextel Communications **launched** on 9/22/94 the first **wireless** digital communications network in California via a **cellular conference call** with the mayors of Oakland, Los Angeles and Sacramento. By 1996, Nextel anticipates expanding its...

...for the test site because California is in the "forefront of adopting the latest in **wireless** communications technology." McAuley estimates that by year end, the company's investment in the state...

...260 workers in the Bay Area in Hayward, Lafayette and Oakland. Nextel is offering digital **cellular** , text and voice messaging, and dispatch all in one phone which would cost between \$600...  
...Even when the unit is turned off, up to 100 characters can be sent via **page** .

14/3,K/26 (Item 1 from file: 9)  
DIALOG(R)File 9:BUSINESS & INDUSTRY(R)  
(c) 2000 RESP. DB SVCS. All rts. reserv.

01985226 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Telecom Roundup - AT&T Begins St. Louis Digital Wireless Svc.**  
(AT&T's Wireless Services division introduces Digital PCS service in the metropolitan area surrounding St. Louis, MO; service combines numerous advanced features, such as Caller ID, paging, short e-mail messaging, and more)  
Newsbytes News Network, p N/A  
November 06, 1997  
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 139

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...U.S.A., 1997 NOV 6 (NB) -- By Newsbytes Staff. AT&T's (NYSE:T) **Wireless** Services division said it introduced its Digital PCS (personal communications service) service in the metropolitan...

...St. Louis, Mo. AT&T Digital PCS is an all-in-one communications service which **combines** numerous advanced features, such as Caller ID, alphanumeric and numeric **paging** , short e-mail messaging and VoiceMail with a Message Waiting Indicator, official said. Other features include digital clarity during calls, Call Waiting, Immediate Call Forwarding and Three-Way **Conference Calling** . AT&T **Wireless** will offer its dual-band dual-mode **wireless** telephone service via Ericsson's LX 100 and LX 77, which operate on both 1900 MHz and 850 MHz frequencies. These phones can also automatically travel between digital **wireless** systems and conventional analog **cellular** systems. (19971106/Press Contacts: Michael Broom, AT&T **Wireless** Svcs., 425-889-6091/Reported By Newsbytes News Network: <http://www.newsbytes.com> ) ...

14/3,K/27 (Item 2 from file: 9)  
DIALOG(R)File 9:BUSINESS & INDUSTRY(R)  
(c) 2000 RESP. DB SVCS. All rts. reserv.

01971781 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Iowa team extends VoiceStream PCS**

**(Iowa Network Services has joint venture with Western Wireless to expand personal communications throughout Iowa)**

RCR Radio Communications Report, v 16, n 40, p 26

October 13, 1997

DOCUMENT TYPE: Journal ISSN: 0744-0618 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 106

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Network Services was created in 1988 when 128 of the state's independent telephone companies **joined** together. The company offers long-distance, 800-number, voice messaging, Internet access, fax, **paging**, video **conferencing** and **cellular** switching services.

Western Wireless offers PCS services under its VoiceStream brand in 10 western states...

14/3,K/28 (Item 3 from file: 9)  
DIALOG(R)File 9:BUSINESS & INDUSTRY(R)  
(c) 2000 RESP. DB SVCS. All rts. reserv.

01831235 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Frontier Eyes Wireless Benefits**

**(Frontier Corp is building a national fiber-optic network to connect 100+ cities over 13,000 route miles)**

Wireless Week, p 42

May 12, 1997

DOCUMENT TYPE: Journal ISSN: 1085-0473 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 517

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...company is the fifth largest long-distance company and already provides local, long-distance, video **conferencing**, **cellular**, **paging** and bundled billing services. The firm wants **wireless** to open new opportunities with customers of its flagship landline services who may have additional needs suited to digital **cellular**, personal communications services or **wireless** local loop. It has begun building code division multiple access overlays to its analog **cellular** networks and recently announced an \$85 mil infrastructure contract with Lucent Technologies Inc. Frontier Corp expects to **launch** its initial digital service about midyear, possibly in Syracuse, NY.

...

TEXT:

...s fifth-largest long-distance company, which is building a national fiber-optic network to **connect** more than 100 cities over 13,000 route miles, already provides local, long-distance, video **conferencing**, **cellular**, **paging** and bundled billing services.

Its owned and managed cellular networks-which include joint venture systems ...

14/3,K/29 (Item 4 from file: 9)

DIALOG(R)File 9:BUSINESS & INDUSTRY(R)  
(c) 2000 RESP. DB SVCS. All rts. reserv.

01656818 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Nextel inaugurates services in Atlanta**

**(Nextel Communications launches its enhanced digital wireless communications service in Atlanta)**

RCR Radio Communications Report, v 15, n 44, p 18  
November 04, 1996

DOCUMENT TYPE: Journal ISSN: 0744-0618 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 131

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...to be powerful tools for our customers."

Nextel's system is accessed through PowerFone, which **combines** digital **cellular**, group and private **conferencing** and alphanumeric **paging** in a portable handset, the company said. It uses Motorola Inc.'s integrated Digital Enhanced...

**14/3,K/30 (Item 5 from file: 9)**

DIALOG(R)File 9:BUSINESS & INDUSTRY(R)  
(c) 2000 RESP. DB SVCS. All rts. reserv.

01642412 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Nextel To Assist Detroit**

**(Nextel Communications plans to launch its enhanced specialized mobile radio network in Detroit)**

Wireless Week, p 26

October 14, 1996

DOCUMENT TYPE: Journal ISSN: 1085-0473 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 329

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...commercial rollouts of the service using Motorola Inc.'s integrated dispatch enhanced network. The service **combines** **cellular**, **paging** and instant **conferencing**.

Nextel will donate the use of 200 PowerFone handsets, which are Motorola's i360 model...

**14/3,K/31 (Item 6 from file: 9)**

DIALOG(R)File 9:BUSINESS & INDUSTRY(R)  
(c) 2000 RESP. DB SVCS. All rts. reserv.

01633547 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Cellular marketing shifts into high gear**

**(Some celllular phone companies are targeting corporations, a significant, yet long-neglected customer segment)**

Business Marketing, p 1+

October 1996

DOCUMENT TYPE: Journal ISSN: 0745-5933 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1131

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...s a nightmare, an absolute nightmare," Mr. Gillott says.

Sensing opportunity, MCI Communications Corp. recently **launched** its networkMCI One program. The fully integrated package provides a single, customized bill for a multitude of services, including local, long-distance and international calling; data; **conferencing** ; **paging** ; Internet; **cellular** ; and more. Initially, the service is available in 13 markets. The agency handling the account...

14/3,K/32 (Item 7 from file: 9)  
DIALOG(R)File 9:BUSINESS & INDUSTRY(R)  
(c) 2000 RESP. DB SVCS. All rts. reserv.

01605788 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Nextel Treks Beyond Cellular**

**(NexTel Communications introducing wireless phone service in the Chicago area that combines digital cellular, paging, and conferencing capabilities)**

Newsbytes News Network, p N/A

September 17, 1996

DOCUMENT TYPE: Journal (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 343

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**(NexTel Communications introducing wireless phone service in the Chicago area that combines digital cellular, paging, and conferencing capabilities)**

**TEXT:**

...it is introducing to the Chicago-area market a wireless phone service that combines digital **cellular** , **paging** , and **conferencing** capabilities into one phone with one phone number. The system, which uses Motorola's [NYSE...

14/3,K/33 (Item 8 from file: 9)  
DIALOG(R)File 9:BUSINESS & INDUSTRY(R)  
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01349103

**BPL GROUP**

**(BPL group sets up 500 mw coal based thermal power at Ramagundam, 500 mw naphtha based combined cycle gas turbine plant at Kasargod at cost of over Rs4000 crore)**

Capital Market, p 100

December 03, 1995

DOCUMENT TYPE: Journal (India)

LANGUAGE: English RECORD TYPE: Abstract

**ABSTRACT:**

...coal based thermal power at Ramagundam in Andhra Pradesh and another 500 mw naphtha based **combined** cycle gas turbine plant at Kasargod in Kerala at a cost of over Rs4000 crore. BPL systems and projects and BPL Telecom, group companies, manufacture and service **cellular** , **paging** and video-**conferencing** equipment. BPL mobile, a **joint** venture with France Telecom, provides mobile telephone services in Bombay. The telecom revenues are exported...

14/3,K/34 (Item 1 from file: 148)  
DIALOG(R)File 148:GALE GROUP TRADE & INDUSTRY DB  
(c)2000 THE GALE GROUP. All rts. reserv.

09241601 SUPPLIER NUMBER: 18978642 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**MCI said it signed 4-year, \$3-million agreement. (with Club Med Sales for handling North American telecom services)**

Communications Daily, v16, n250, p6(1)

Dec 27, 1996

ISSN: 0277-0679      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 57      LINE COUNT: 00008

TEXT:

...s primary telecom provider in N. America. MCI will provide integrated package including local service, **cellular** , **paging** , **conferencing** , 800 service. In conjunction with agreement, Club Med will **launch** new membership card that doubles as MCI prepaid calling card.

14/3,K/35      (Item 2 from file: 148)  
DIALOG(R)File 148:GALE GROUP TRADE & INDUSTRY DB  
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08970147      SUPPLIER NUMBER: 18680432      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Nextel launched wireless services in Ill., Ind., and Wis. (Nextel Communications Inc.) (Telephony)**  
Communications Daily, v16, n181, p5(1)  
Sep 17, 1996  
ISSN: 0277-0679      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 64      LINE COUNT: 00009

TEXT:

Nextel **launched** **wireless** services in Ill., Ind., and Wis. Mon. under promotional banner "Beyond **Cellular** ," offering **cellular** , **paging** and **conferencing** services from portable phones. Commercial service follows successful 9-month technical test using Motorola's...

...technology and PowerFone device, company said. Service is \$30 per month, including 250 min. for **conferencing** and 50 pages, and handset sells for \$369-\$429.

14/3,K/36      (Item 3 from file: 148)  
DIALOG(R)File 148:GALE GROUP TRADE & INDUSTRY DB  
(c)2000 THE GALE GROUP. All rts. reserv.

08875895      SUPPLIER NUMBER: 18559675  
**Financial: WorldCom reports record Q2 results. (Company Financial Information)**  
EDGE, on & about AT&T, v11, p24(1)  
August 5, 1996  
LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 1744      LINE COUNT: 00268

... no further cash interest requirement related to the notes.

During the second quarter, WorldCom, Inc. **launched** several new promotions aimed at the retail market. Bottom Line Business, targeted to the small...

...of services which, in addition to domestic and international long distance, can include calling card, **cellular** , **conference calling** , enhanced fax, **paging** and Internet access. Designed for businesses spending less than \$250 per month on telecommunications, the...

14/3,K/37      (Item 4 from file: 148)  
DIALOG(R)File 148:GALE GROUP TRADE & INDUSTRY DB  
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08708843      SUPPLIER NUMBER: 18348199      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**AIRMEDIA LIVE! WIRELESS CYBERSPACE NETWORK GOES ONLINE; Ex Machina Announces Launch of Nationwide Wireless Network Connecting PCs to the Internet For Live News, Sports, Entertainment and E-Mail Alerts.**  
Business Wire, p6031222  
June 3, 1996  
LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 651      LINE COUNT: 00058

TEXT:

...game challenges and even e-mail alerts from a wide variety of online sources. These **alerts** arrive even when the computer is **offline** , and provide single click access to the full source on the Internet or online service.

14/3,K/38 (Item 5 from file: 148)  
DIALOG(R)File 148:GALE GROUP TRADE & INDUSTRY DB  
(c)2000 THE GALE GROUP. All rts. reserv.

07948666 SUPPLIER NUMBER: 17115020 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Cellular One moves into digital pager market to get a share of growing industry. (Cellular One Inc.)**

Hunter, Kris  
Memphis Business Journal, v17, n4, p7(1)  
May 29, 1995

ISSN: 0747-167X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 612 LINE COUNT: 00050

Just weeks ago the **cellular** phone service provider **launched** its new **paging** services, a line of business the company has not been in until now. Memphis was the second city in the state, after **Chattanooga** , to get **Cellular One** beepers.

"We were always looking for other products to complement what we do," says...

14/3,K/39 (Item 6 from file: 148)  
DIALOG(R)File 148:GALE GROUP TRADE & INDUSTRY DB  
(c)2000 THE GALE GROUP. All rts. reserv.

07527101 SUPPLIER NUMBER: 16258466 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Next-generation AT&T PCs enfold McCaw technology. (AT&T and McCaw Cellular Communications Inc's joint Personal Computing and Communications strategy)**

Dicarlo, Lisa  
PC Week, v11, n38, p1(2)  
Sept 26, 1994

ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 486 LINE COUNT: 00038

...ABSTRACT: Inc will fuel development of PCs that interact via bidirectional pagers featuring E-mail, application **conferencing** , voice recognition and **wireless** network support. The strategy is unique in that the merger should ensure systems that are...

...Pentium-based Globalyst PCs. In early 1995 the company will use its MessageFlash and MailFlash **paging** software to **link** desktop E-mail with mobile **pagers** ; McCaw will install the **paging** packages on all Global's PCs, which will cost between \$2,000 and \$6,000.

14/3,K/40 (Item 7 from file: 148)  
DIALOG(R)File 148:GALE GROUP TRADE & INDUSTRY DB  
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05744337 SUPPLIER NUMBER: 11948736  
**'Call-sell' rings steal cellular service, link Arabs to Israel for \$18 a minute.**

Keller, John J.  
Wall Street Journal , Fri ed, col 2, pA5B pB3A  
March 13, 1992

ISSN: 0193-2241 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: Telephone fraud has now invaded the **cellular** industry through a theft **ring** that **links** calls between Arab countries and boycotted



Israel by stealing **cellular** services from US **cellular** carriers. These **rings** , called call-sell operations, charge \$18 per minute for each call and are difficult for authorities to catch because of the mobile nature of **cellular** service. One **ring** was broken up in Jan 1992 in Phoenix, AZ; the five people arrested are all Middle Eastern nationals. The US Secret Service, police and telephone companies are cooperating to uncover **rings** in the US and Canada. The call-sell operation works through agents in Middle Eastern countries, employed by the **ring** in the US, who arrange telephone calls to Israel at specified times, which then are patched through a **conference call** via a **cellular** company or a long-distance company. Since the services are stolen, all of the money taken for the calls is profit. The legitimate **cellular** customers are billed for the fraudulent calls. The Phoenix operation is estimated to have earned...

Set	Items	Description
S1	67554	WIRELESS? OR CELLULAR? OR CAR()PONE? OR PAGER? OR OFF()LIN- E? OR OFFFLINE?
S2	34961	INTERACTIVE()COMMUNICATION? OR CHAT? OR ICQ OR INSTANT()ME- SSAGE? OR IRC OR CONFERENCING OR CONFERENCE()CALL?
S3	107048	ALERT? OR PAGE OR PAGED OR PAGING OR RING? OR NOTIF?
S4	547228	COMBINE? OR LINK? OR JOIN? OR CONNECT? OR BEGIN? OR LAUNCH?
S5	72	S1 (S) S2 (S) S3 (S) S4
S6	180	S1(3N)S2
S7	10621	UNCONNECT? OR OFFLINE? OR ("NOT" OR UN OR OFF) () (CONNECT? - OR LINE?) OR DISCONNECT?
S8	12	S5 AND S6
S9	5	S5(S)S7
S10	17	S8 OR S9
S11	17	RD (unique items)
S12	11	S11 NOT PY>1997
S13	11	S12 NOT PD>971114

File 621:GALE GROUP NEW PROD.ANNOU.(R) 1985-2000/JAN 10  
(c) 2000 THE GALE GROUP

File 278:Microcomputer Software Guide 1999/Dec  
(c) 1999 Reed Elsevier Inc.

File 256:SOFTBASE:REVIEWS,COMPANIES&PRODS. 85-1999/DEC  
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13/3,K/1 (Item 1 from file: 621)  
DIALOG(R)File 621:GALE GROUP NEW PROD.ANNOU.(R)  
(c) 2000 THE GALE GROUP. All rts. reserv.

01579596 Supplier Number: 48051957 (USE FORMAT 7 FOR FULLTEXT)  
**AT&T Launches Wireless Digital PCS in Philadelphia, Washington,  
D.C./Baltimore and Charlotte.**  
Business Wire, p10151079  
Oct 15, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 617

... in North America.

AT&T Digital PCS is an all-in-one communications service which **combines** numerous advanced features, such as Caller ID, alphanumeric and numeric **paging** , short e-mail messaging and VoiceMail with a Message Waiting Indicator. It offers superior voice quality, enhanced privacy and fraud protection, and extended battery life. And it provides traditional **wireless** telephone features, including Call Waiting, Immediate Call Forwarding and Three-Way **Conference Calling** .

AT&T **Wireless** is the first provider to offer dual-band dual-mode wireless telephone service. The new...

13/3,K/2 (Item 2 from file: 621)  
DIALOG(R)File 621:GALE GROUP NEW PROD.ANNOU.(R)  
(c) 2000 THE GALE GROUP. All rts. reserv.

01578342 Supplier Number: 48039950 (USE FORMAT 7 FOR FULLTEXT)  
**Iowa Network Services and Western Wireless Form Joint Venture to Expand PCS  
Footprint in Iowa.**  
Business Wire, p10090104  
Oct 9, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 570

... Iowa Network Services was created in 1988 when 128 of Iowa's independent telephone companies **joined** together to provide competitive long distance service to their customers in over 300 Iowa towns...

...offices throughout the state with long distance, 800 numbers, voice messaging, Internet access, fax services, **paging** , video **conferencing** , **cellular** switching and high capacity networks, bringing the latest in technology to rural Iowa.

Based in...

13/3,K/3 (Item 3 from file: 621)  
DIALOG(R)File 621:GALE GROUP NEW PROD.ANNOU.(R)  
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01506679 Supplier Number: 47225155 (USE FORMAT 7 FOR FULLTEXT)  
**Cellular One announces Digital PCS; Wireless phone, answering machine and  
pager combo easy to use anywhere; New simple price plans and reduced  
rates provide unsurpassed value.**  
Business Wire, p03200172  
March 20, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1209

... Building on its three year head start in offering Digital service to Bay Area customers, **Cellular One's** Digital PCS incorporates a variety of advanced features including extended battery life, fraud prevention, voice mail with a message waiting indicator to **alert** customers to messages in their **wireless** voice mail, Caller ID, and built-in **paging** .

These new features will be **combined** with existing services such as greater call privacy, the ability to send and receive computer...

...and free custom calling features including call waiting, call forwarding, busy/no answer transfer, and **conference calling** capabilities.

"**Cellular** One is the only Bay Area wireless company that has an extensive and proven Digital...

13/3,K/4 (Item 4 from file: 621)  
DIALOG(R)File 621:GALE GROUP NEW PROD.ANNOU.(R)  
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01477245 Supplier Number: 47048999 (USE FORMAT 7 FOR FULLTEXT)  
**Compaq ProLiant 800 Delivers Breakthrough Price/Performance for Workgroups, Remote Offices**  
News Release, pN/A  
Jan 20, 1997  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1624

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...server. Designed specifically to meet the needs of workgroups and remote sites, the ProLiant 800 **combines** Pentium Pro performance and dual-processor expandability with built-in networking and remote management capabilities...

...a second processor chip. It also includes a standard set of high availability features -- automatic **alerts** predicting the impending failure of memory, hard drives or processors, Integrated Remote Console (IRC), and Automatic Server Recovery -- typically only available on more costly high-end servers. "As organizations...  
...These include Compaq SmartStart, Compaq Insight Manager, Compaq Info Messenger and the hardware-based Compaq IRC. Compaq SmartStart 3.2 optimizes configurations and simplifies the installation of tested and reliable servers...

...drives that are degraded to a specific level of performance before they actually fail. Compaq IRC provides seamless remote console capability -- via modem -- for managing, from a centralized MIS location, ProLiant 800 servers located in remote/branch office sites. IRC operates independently from the host operating system to enable remote access to server health information...

...Messenger, a new Internet-based information service announced today (see related Compaq news release), automatically **alerts** network managers via e-mail to timely information regarding their Compaq servers, such as the...

...full operation in the event of a critical failure. When configured with dual processors, the **Off-line** Backup Processor and ASR-2 ensure rapid recovery of the ProLiant 800 in the event...world and the largest global supplier of personal computers, delivering useful innovation through products that **connect** people with people and people with information. The company is an industry leader in environmentally...

13/3,K/5 (Item 5 from file: 621)  
DIALOG(R)File 621:GALE GROUP NEW PROD.ANNOU.(R)  
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01439826 Supplier Number: 46806721 (USE FORMAT 7 FOR FULLTEXT)  
**Digital Technology Partners Announces Its Early Stage Investment and Participation in MoneyClub.com, Inc.**  
PR Newswire, p1016SFW045  
Oct 16, 1996

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 338

... the Net(SM).'"

For users of financial services, MoneyClub offers a comprehensive directory of financial **links**, as well as research and customization tools to enhance the information gathering experience. The site will also offer on-line and **off-line** activity and content areas, including **chat**, threaded discussions, news, on-line financial audio, reviews, quotes, **alerts**, portfolio tracking, contests and many other features.

For providers of financial services, MoneyClub offers a...

13/3,K/6 (Item 6 from file: 621)  
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01439782 Supplier Number: 46806648 (USE FORMAT 7 FOR FULLTEXT)  
**Behind the Scenes at Tonight's Presidential Debate: Nextel's All-in-One Wireless Service Keeps Organizers in Touch**  
PR Newswire, pl016SFW077  
Oct 16, 1996

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 267

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...stay in touch behind the scenes with the help of a unique all-in-one **wireless** service donated by Nextel Communications, Inc. (Nasdaq: CALL). Nextel's integrated service **combines** the power of digital **cellular**, instant **conferencing** and alphanumeric **paging** in a single handset. ... people -- at the touch of a button and at a fraction of the cost of **cellular**.

Nextel's "instant **conferencing**" feature, made possible by Motorola's iDEN (integrated digital enhanced network) technology, allows customers to ...

13/3,K/7 (Item 7 from file: 621)  
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01438417 Supplier Number: 46800225 (USE FORMAT 7 FOR FULLTEXT)  
**Nextel Launches New All-in-One Wireless Service in Denver; Company's PowerFone Integrates Digital Cellular, Instant Conferencing and Paging**

PR Newswire, pl014NYM046

Oct 14, 1996

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 377

**Nextel Launches New All-in-One Wireless Service in Denver; Company's PowerFone Integrates Digital Cellular, Instant Conferencing and Paging**

DENVER, Oct. 14 /PRNewswire/ -- Nextel Communications (Nasdaq: CALL) today **launched** its new all-in-one digital **wireless** communications service in Denver, the third market in Nextel's nationwide commercial roll-out of its new PowerFone(TM), which **combines** digital **cellular**, instant **conferencing** and alphanumeric **paging** in a lightweight portable handset.

Unlike other cellular and PCS products, Nextel's service gives... chief executive officer. "The PowerFone goes 'beyond cellular' by combining the unique benefits of instant **conferencing** with digital **cellular** and alphanumeric paging services."

In addition to **cellular** and instant **conferencing**, the 8.7-ounce

handset features a four-line display for alphanumeric messages of up...

13/3,K/8 (Item 8 from file: 621)

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01427290 Supplier Number: 46717000 (USE FORMAT 7 FOR FULLTEXT)

**Nextel Communications Unveils Area's Only Wireless Service that Integrates Digital Cellular, Paging and Instant Conferencing**

PR Newswire, p0916DEM030

Sept 16, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 843

**Nextel Communications Unveils Area's Only Wireless Service that Integrates Digital Cellular, Paging and Instant Conferencing**

... ITASCA, Ill., Sept. 16 /PRNewswire/ -- In a move that will mark a new era for **wireless** communications, Nextel Communications today **launched** the area's first fully digital communications service using a portable phone that consolidates **cellular**, **paging** and **instant conferencing** into one phone with one service provider and one phone number.

With today's announcement...

...paging messages; cellular calls will be billed at per minute rates. Other packages that integrate **cellular**, paging and **instant conferencing** services also are available.

The Nextel iP370 PowerFone, manufactured by Motorola, sells between \$369 and...

13/3,K/9 (Item 9 from file: 621)

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01426868 Supplier Number: 46710440 (USE FORMAT 7 FOR FULLTEXT)

**Nextel Initiates Nationwide Roll-out of New Wireless Service Integrating Digital Cellular, Instant Conferencing and Paging -- iDEN Tests**

**Declared Successful - Service Begins Today in Chicago --.**

Business Wire, p09160503

Sept 16, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 782

**Nextel Initiates Nationwide Roll-out of New Wireless Service Integrating Digital Cellular, Instant Conferencing and Paging -- iDEN Tests**

**Declared Successful - Service Begins Today in Chicago --....**

13/3,K/10 (Item 10 from file: 621)

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01410904 Supplier Number: 46582498 (USE FORMAT 7 FOR FULLTEXT)

**WORLDCom, INC. REPORTS RECORD SECOND QUARTER RESULTS.**

Business Wire, p07300325

July 30, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 2564

... no further cash interest requirement related to the notes.

During the second quarter, WorldCom, Inc. **launched** several new promotions aimed at the retail market. Bottom Line Business(SM), targeted to the...

...of services which, in addition to domestic and international long distance, can include calling card, **cellular** , **conference calling** , enhanced fax, **paging** and Internet access. Designed for businesses spending less than \$250 per month on telecommunications, the...

13/3,K/11 (Item 11 from file: 621)

DIALOG(R)File 621:GALE GROUP NEW PROD.ANNOU.(R)

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01388677 Supplier Number: 46434872 (USE FORMAT 7 FOR FULLTEXT)

**AIRMEDIA LIVE! WIRELESS CYBERSPACE NETWORK GOES LIVE; Ex Machina, Inc.**

**Announces Launch of Nationwide Wireless Network; PCs Listen to the Internet for Live News Sports, Entertainment and E-Mail Alerts.**

Business Wire, p06031553

June 3, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 838

AirMedia, a division of Ex Machina Inc. today announced the **launch** of AirMedia Live!, the first **wireless** network to extend the reach of the Internet to modem **connected** PC owners across the country. AirMedia Live! can receive **wireless alerts** of breaking headline news, scores from every professional sports game, timely financial market updates, online **chats** , interactive game challenges and e-mail **alerts** , broadcast from a wide variety of online sources. These **alerts** arrive even when the computer is **offline** , and provide single click access back to the full source on the Internet or online...